Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030824\
Data File : VD078613.D
Acq On : 08 Mar 2024 10:11
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 02:30:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:50:17 2024
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda
03/11/2024
Supervised By :Semsettin Yesilyurt
03/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	123267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	206410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	202189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	110892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	65207	53.364	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.720%			
35) Dibromofluoromethane	7.805	113	71753	53.440	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.880%			
50) Toluene-d8	10.269	98	283484	54.334	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.660%			
62) 4-Bromofluorobenzene	12.569	95	84339	56.596	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 113.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	42877	44.047	ug/l	98
3) Chloromethane	2.152	50	89751	51.787	ug/l	98
4) Vinyl Chloride	2.281	62	133314	43.999	ug/l	98
5) Bromomethane	2.687	94	106431	43.981	ug/l	100
6) Chloroethane	2.834	64	105795	47.109	ug/l	97
7) Trichlorofluoromethane	3.176	101	91305	44.565	ug/l	96
8) Diethyl Ether	3.599	74	27446	47.707	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.958	101	57350	44.414	ug/l	99
10) Methyl Iodide	4.158	142	57979	42.909	ug/l	91
11) Tert butyl alcohol	5.052	59	14018	243.614	ug/l	95
12) 1,1-Dichloroethene	3.934	96	54451	45.170	ug/l	95
13) Acrolein	3.793	56	24952	205.902	ug/l	98
14) Allyl chloride	4.558	41	63267	46.080	ug/l	95
15) Acrylonitrile	5.252	53	60019	253.051	ug/l	99
16) Acetone	4.023	43	63795	272.511	ug/l #	83
17) Carbon Disulfide	4.270	76	175449	43.686	ug/l	98
18) Methyl Acetate	4.564	43	26399	59.577	ug/l	100
19) Methyl tert-butyl Ether	5.322	73	122804	50.104	ug/l	99
20) Methylene Chloride	4.805	84	74049	45.184	ug/l	91
21) trans-1,2-Dichloroethene	5.317	96	66564	45.957	ug/l	98
22) Diisopropyl ether	6.222	45	153864	49.983	ug/l	98
23) Vinyl Acetate	6.158	43	458483	250.774	ug/l	99
24) 1,1-Dichloroethane	6.111	63	110212	47.391	ug/l	97
25) 2-Butanone	7.081	43	81878	277.272	ug/l	91
26) 2,2-Dichloropropane	7.075	77	92193	46.925	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	76145	48.012	ug/l	99
28) Bromochloromethane	7.428	49	50680	58.332	ug/l	89
29) Tetrahydrofuran	7.446	42	42253	257.549	ug/l	94
30) Chloroform	7.599	83	123443	49.160	ug/l	98
31) Cyclohexane	7.875	56	81186	42.449	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	101747	47.234	ug/l	99
36) 1,1-Dichloropropene	8.011	75	87156	46.909	ug/l	97
37) Ethyl Acetate	7.175	43	32275	53.611	ug/l	96
38) Carbon Tetrachloride	7.987	117	90659	46.651	ug/l	97
39) Methylcyclohexane	9.275	83	100359	46.021	ug/l	93
40) Benzene	8.252	78	269699	48.972	ug/l	97

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ClientSampleId :
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Reviewed By :Mahesh Dadoda

03/11/2024

Supervised By :Semsettin Yesilyurt

03/11/2024

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.399	41	19538	60.551 ug/l	#	84
42) 1,2-Dichloroethane	8.328	62	69971	50.082 ug/l		98
43) Isopropyl Acetate	8.363	43	58648	50.814 ug/l		93
44) Trichloroethene	9.028	130	71731	47.464 ug/l		98
45) 1,2-Dichloropropane	9.305	63	66359	50.161 ug/l		95
46) Dibromomethane	9.393	93	38428	50.387 ug/l		96
47) Bromodichloromethane	9.581	83	94941	50.487 ug/l		99
48) Methyl methacrylate	9.387	41	28824	55.131 ug/l		86
49) 1,4-Dioxane	9.381	88	8362	994.546 ug/l	#	76
51) 4-Methyl-2-Pentanone	10.157	43	160043	268.651 ug/l		94
52) Toluene	10.334	92	177902	50.345 ug/l		98
53) t-1,3-Dichloropropene	10.552	75	85991	49.430 ug/l		97
54) cis-1,3-Dichloropropene	10.016	75	101450	48.706 ug/l	#	93
55) 1,1,2-Trichloroethane	10.728	97	55383	51.573 ug/l		97
56) Ethyl methacrylate	10.599	69	57911	53.804 ug/l		93
57) 1,3-Dichloropropane	10.881	76	86581	49.753 ug/l		99
58) 2-Chloroethyl Vinyl ether	9.869	63	151699	316.883 ug/l		96
59) 2-Hexanone	10.922	43	130816	296.056 ug/l		90
60) Dibromochloromethane	11.075	129	66297	51.128 ug/l		100
61) 1,2-Dibromoethane	11.181	107	52629	53.400 ug/l		98
64) Tetrachloroethene	10.810	164	57406	45.124 ug/l		93
65) Chlorobenzene	11.604	112	188028	47.224 ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.681	131	71836	48.463 ug/l		97
67) Ethyl Benzene	11.681	91	331143	47.999 ug/l		98
68) m/p-Xylenes	11.793	106	272228	97.537 ug/l		94
69) o-Xylene	12.122	106	124394	49.129 ug/l		95
70) Styrene	12.134	104	225437	51.367 ug/l		99
71) Bromoform	12.299	173	40654	51.555 ug/l	#	99
73) Isopropylbenzene	12.422	105	320380	45.577 ug/l		97
74) N-amyl acetate	12.234	43	56383	47.655 ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.675	83	63059	46.827 ug/l		100
76) 1,2,3-Trichloropropane	12.722	75	37750m	44.573 ug/l		
77) Bromobenzene	12.699	156	79728	46.898 ug/l		95
78) n-propylbenzene	12.763	91	400491	46.578 ug/l		96
79) 2-Chlorotoluene	12.846	91	215681	46.745 ug/l		98
80) 1,3,5-Trimethylbenzene	12.904	105	273791	47.865 ug/l		96
81) trans-1,4-Dichloro-2-b...	12.469	75	20271	51.231 ug/l		96
82) 4-Chlorotoluene	12.946	91	227559	46.277 ug/l		99
83) tert-Butylbenzene	13.163	119	228807	46.456 ug/l		98
84) 1,2,4-Trimethylbenzene	13.210	105	282615	48.339 ug/l		97
85) sec-Butylbenzene	13.346	105	357991	46.591 ug/l		96
86) p-Isopropyltoluene	13.457	119	308744	47.732 ug/l		98
87) 1,3-Dichlorobenzene	13.457	146	170970	47.067 ug/l		99
88) 1,4-Dichlorobenzene	13.534	146	169166	46.483 ug/l		98
89) n-Butylbenzene	13.787	91	282332	46.707 ug/l		98
90) Hexachloroethane	14.051	117	63382	48.192 ug/l		91
91) 1,2-Dichlorobenzene	13.828	146	148802	48.225 ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8473	47.204 ug/l		97
93) 1,2,4-Trichlorobenzene	15.098	180	87253	47.754 ug/l		97
94) Hexachlorobutadiene	15.204	225	46682	46.435 ug/l		98
95) Naphthalene	15.328	128	156806	48.567 ug/l		99
96) 1,2,3-Trichlorobenzene	15.516	180	77549	47.791 ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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