Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072924\
Data File : VD079446.D
Acq On : 29 Jul 2024 19:57
Operator : RP/MD
Sample : VSTDICV050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 30 03:22:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:20:36 2024
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Mahesh Dadoda
07/30/2024
Supervised By :Semsettin Yesilyurt
07/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	259551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	429408	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	400088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	202344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	121831	46.204	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 92.400%			
35) Dibromofluoromethane	7.804	113	132211	45.489	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 90.980%			
50) Toluene-d8	10.269	98	520818	46.144	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 92.280%			
62) 4-Bromofluorobenzene	12.569	95	155153	47.503	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	91687	45.085	ug/l	96
3) Chloromethane	2.146	50	167002	44.568	ug/l	98
4) Vinyl Chloride	2.281	62	204385	45.874	ug/l	98
5) Bromomethane	2.687	94	134795	47.819	ug/l	97
6) Chloroethane	2.828	64	121997	42.612	ug/l	93
7) Trichlorofluoromethane	3.169	101	203161	45.852	ug/l	98
8) Diethyl Ether	3.593	74	64877	48.473	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.963	101	128087	45.707	ug/l	99
10) Methyl Iodide	4.157	142	151768	45.075	ug/l	100
11) Tert butyl alcohol	5.063	59	36273	301.119	ug/l #	97
12) 1,1-Dichloroethene	3.940	96	130899	46.676	ug/l	95
13) Acrolein	3.793	56	58628	306.557	ug/l	99
14) Allyl chloride	4.552	41	175738	47.456	ug/l	87
15) Acrylonitrile	5.246	53	153305	245.121	ug/l	98
16) Acetone	4.022	43	110864	216.346	ug/l	95
17) Carbon Disulfide	4.269	76	424978	45.909	ug/l	100
18) Methyl Acetate	4.563	43	75599	47.516	ug/l #	88
19) Methyl tert-butyl Ether	5.316	73	290492	50.746	ug/l	97
20) Methylene Chloride	4.793	84	193631	51.561	ug/l #	92
21) trans-1,2-Dichloroethene	5.310	96	149343	47.404	ug/l	88
22) Diisopropyl ether	6.216	45	409682	49.721	ug/l #	93
23) Vinyl Acetate	6.151	43	1580433	255.162	ug/l #	92
24) 1,1-Dichloroethane	6.104	63	256954	46.536	ug/l	94
25) 2-Butanone	7.081	43	177649	244.529	ug/l	94
26) 2,2-Dichloropropane	7.075	77	199178	44.596	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	170453	47.334	ug/l	91
28) Bromochloromethane	7.422	49	108046	44.623	ug/l #	75
29) Tetrahydrofuran	7.445	42	116375	258.479	ug/l #	82
30) Chloroform	7.593	83	260484	46.584	ug/l	100
31) Cyclohexane	7.875	56	200907	45.878	ug/l	91
32) 1,1,1-Trichloroethane	7.793	97	212548	46.065	ug/l	98
36) 1,1-Dichloropropene	8.010	75	185840	46.847	ug/l	97
37) Ethyl Acetate	7.169	43	81923	50.368	ug/l	98
38) Carbon Tetrachloride	7.987	117	192716	46.212	ug/l	99
39) Methylcyclohexane	9.269	83	234244	49.490	ug/l	93
40) Benzene	8.251	78	589898	46.818	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.398	41	38821	43.392	ug/l		92
42) 1,2-Dichloroethane	8.322	62	143572	47.818	ug/l		94
43) Isopropyl Acetate	8.357	43	150086	49.099	ug/l		94
44) Trichloroethene	9.028	130	144296	46.005	ug/l		95
45) 1,2-Dichloropropane	9.304	63	147273	48.030	ug/l		100
46) Dibromomethane	9.392	93	82630	48.610	ug/l		96
47) Bromodichloromethane	9.581	83	199562	47.812	ug/l		97
48) Methyl methacrylate	9.381	41	71610	52.346	ug/l		83
49) 1,4-Dioxane	9.381	88	17925	1017.673	ug/l	#	88
51) 4-Methyl-2-Pentanone	10.157	43	404127	258.947	ug/l		95
52) Toluene	10.334	92	369971	47.478	ug/l		100
53) t-1,3-Dichloropropene	10.551	75	186146	48.294	ug/l		98
54) cis-1,3-Dichloropropene	10.016	75	223140	48.128	ug/l		93
55) 1,1,2-Trichloroethane	10.734	97	104521	46.678	ug/l		94
56) Ethyl methacrylate	10.598	69	137872	51.964	ug/l		89
57) 1,3-Dichloropropane	10.875	76	185081	48.641	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.869	63	321279	262.573	ug/l		92
59) 2-Hexanone	10.922	43	282994	260.001	ug/l		97
60) Dibromochloromethane	11.075	129	142041	48.558	ug/l		98
61) 1,2-Dibromoethane	11.175	107	103391	49.286	ug/l		97
64) Tetrachloroethene	10.810	164	123854	45.909	ug/l		93
65) Chlorobenzene	11.604	112	409806	46.256	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.681	131	141173	48.432	ug/l		97
67) Ethyl Benzene	11.681	91	705659	48.654	ug/l		97
68) m/p-Xylenes	11.792	106	558103	96.993	ug/l		95
69) o-Xylene	12.116	106	255781	48.497	ug/l		90
70) Styrene	12.133	104	457731	49.503	ug/l		97
71) Bromoform	12.298	173	78895	47.878	ug/l	#	98
73) Isopropylbenzene	12.416	105	652903	43.584	ug/l		100
74) N-amyl acetate	12.233	43	151304	50.839	ug/l		90
75) 1,1,2,2-Tetrachloroethane	12.669	83	127889	48.652	ug/l		96
76) 1,2,3-Trichloropropane	12.722	75	78803m	44.555	ug/l		
77) Bromobenzene	12.698	156	159293	46.950	ug/l		91
78) n-propylbenzene	12.757	91	816821	48.293	ug/l		97
79) 2-Chlorotoluene	12.845	91	445825	47.338	ug/l		98
80) 1,3,5-Trimethylbenzene	12.898	105	542368	48.119	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.469	75	45094	48.627	ug/l		99
82) 4-Chlorotoluene	12.945	91	469726	47.843	ug/l		97
83) tert-Butylbenzene	13.163	119	477285	44.171	ug/l		96
84) 1,2,4-Trimethylbenzene	13.210	105	562312	44.730	ug/l		100
85) sec-Butylbenzene	13.339	105	721321	48.114	ug/l		100
86) p-Isopropyltoluene	13.457	119	619788	44.178	ug/l		99
87) 1,3-Dichlorobenzene	13.457	146	331431	47.158	ug/l		99
88) 1,4-Dichlorobenzene	13.533	146	324055	46.899	ug/l		99
89) n-Butylbenzene	13.786	91	572643	44.189	ug/l		99
90) Hexachloroethane	14.051	117	121082	46.176	ug/l		97
91) 1,2-Dichlorobenzene	13.828	146	285481	47.529	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.439	75	17175	49.105	ug/l		93
93) 1,2,4-Trichlorobenzene	15.092	180	179077	47.320	ug/l		100
94) Hexachlorobutadiene	15.198	225	95137	46.579	ug/l		97
95) Naphthalene	15.327	128	336730	51.409	ug/l		99
96) 1,2,3-Trichlorobenzene	15.516	180	158564	47.632	ug/l		98

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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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