Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
Data File : VY016573.D
Acq On : 04 Dec 2023 12:45
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 05 01:06:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 05 00:54:37 2023
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.807	168	219810	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.704	114	343732	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.502	117	292957	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	137169	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.161	65	19603	9.649	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	19.300%#			
35) Dibromofluoromethane	7.734	113	20212	9.771	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	19.540%#			
50) Toluene-d8	10.191	98	75878	9.697	ug/l		0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	19.400%#			
62) 4-Bromofluorobenzene	12.496	95	24908	9.680	ug/l		0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	19.360%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.912	85	20833	10.730	ug/l		99
3) Chloromethane	2.125	50	22064	10.954	ug/l		100
4) Vinyl Chloride	2.266	62	21467	10.553	ug/l		94
5) Bromomethane	2.668	94	13688	10.743	ug/l		96
6) Chloroethane	2.808	64	13304	10.588	ug/l		97
7) Trichlorofluoromethane	3.144	101	40339	10.490	ug/l		95
8) Diethyl Ether	3.546	74	10705	9.996	ug/l		93
9) 1,1,2-Trichlorotrifluo...	3.924	101	21683	10.083	ug/l		99
10) Methyl Iodide	4.113	142	22431	9.873	ug/l		99
11) Tert butyl alcohol	4.972	59	6130	44.284	ug/l	#	77
12) 1,1-Dichloroethene	3.893	96	19799	10.135	ug/l		91
13) Acrolein	3.747	56	9761	48.504	ug/l		99
14) Allyl chloride	4.509	41	28773	9.652	ug/l	#	94
15) Acrylonitrile	5.192	53	21171	48.978	ug/l		97
16) Acetone	3.960	43	24334	52.930	ug/l	#	89
17) Carbon Disulfide	4.216	76	55617	10.155	ug/l		98
18) Methyl Acetate	4.491	43	16740	9.186	ug/l		92
19) Methyl tert-butyl Ether	5.241	73	46156	9.612	ug/l		100
20) Methylene Chloride	4.741	84	25341	9.794	ug/l		87
21) trans-1,2-Dichloroethene	5.241	96	22918	10.433	ug/l		84
22) Diisopropyl ether	6.137	45	63088	10.290	ug/l	#	96
23) Vinyl Acetate	6.082	43	144609	49.131	ug/l		97
24) 1,1-Dichloroethane	6.045	63	39192	10.405	ug/l	#	95
25) 2-Butanone	7.003	43	32657	51.658	ug/l		97
26) 2,2-Dichloropropane	7.003	77	36005	10.168	ug/l		98
27) cis-1,2-Dichloroethene	7.003	96	24926	10.308	ug/l		95
28) Bromochloromethane	7.356	49	15841	10.383	ug/l		91
29) Tetrahydrofuran	7.374	42	16563	45.954	ug/l		94
30) Chloroform	7.527	83	42033	10.469	ug/l		97
31) Cyclohexane	7.807	56	35207	10.151	ug/l	#	83
32) 1,1,1-Trichloroethane	7.722	97	39528	10.402	ug/l		97
36) 1,1-Dichloropropene	7.935	75	31763	10.101	ug/l		98
37) Ethyl Acetate	7.094	43	12402	9.426	ug/l		97
38) Carbon Tetrachloride	7.917	117	36742	10.093	ug/l		97
39) Methylcyclohexane	9.197	83	36312	9.585	ug/l		93
40) Benzene	8.179	78	90354	10.194	ug/l		97

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Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.350	41	7827m	10.563 ug/l		
42) 1,2-Dichloroethane	8.258	62	25955	10.085 ug/l		96
43) Isopropyl Acetate	8.289	43	23272	9.168 ug/l	#	91
44) Trichloroethene	8.960	130	27283	10.207 ug/l		91
45) 1,2-Dichloropropane	9.228	63	21799	10.216 ug/l		100
46) Dibromomethane	9.319	93	11772	10.063 ug/l		100
47) Bromodichloromethane	9.514	83	31567	10.136 ug/l		99
48) Methyl methacrylate	9.307	41	13257	9.044 ug/l		92
49) 1,4-Dioxane	9.313	88	2273	191.972 ug/l	#	65
51) 4-Methyl-2-Pentanone	10.081	43	60261	45.683 ug/l		96
52) Toluene	10.258	92	55426	9.978 ug/l		98
53) t-1,3-Dichloropropene	10.478	75	27947	9.509 ug/l		98
54) cis-1,3-Dichloropropene	9.941	75	34083	9.874 ug/l		93
55) 1,1,2-Trichloroethane	10.660	97	16119	9.892 ug/l		95
56) Ethyl methacrylate	10.520	69	13267	8.882 ug/l		95
57) 1,3-Dichloropropane	10.801	76	27108	9.848 ug/l		98
58) 2-Chloroethyl Vinyl ether	9.795	63	40395	43.885 ug/l		94
59) 2-Hexanone	10.843	43	47541	47.642 ug/l		97
60) Dibromochloromethane	11.002	129	21315	9.790 ug/l		98
61) 1,2-Dibromoethane	11.099	107	14553	9.495 ug/l		96
64) Tetrachloroethene	10.734	164	26647	9.925 ug/l		96
65) Chlorobenzene	11.532	112	59967	10.106 ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.599	131	23597	10.175 ug/l		99
67) Ethyl Benzene	11.605	91	104975	9.865 ug/l		100
68) m/p-Xylenes	11.715	106	80940	20.036 ug/l		94
69) o-Xylene	12.044	106	38127	10.110 ug/l		94
70) Styrene	12.057	104	51988	9.608 ug/l		99
71) Bromoform	12.221	173	11992	9.576 ug/l	#	98
73) Isopropylbenzene	12.343	105	103131	10.154 ug/l		99
74) N-amyl acetate	12.154	43	18608	9.188 ug/l	#	92
75) 1,1,2,2-Tetrachloroethane	12.593	83	16157	10.001 ug/l		98
76) 1,2,3-Trichloropropane	12.642	75	12438m	9.794 ug/l		
77) Bromobenzene	12.624	156	24470	10.222 ug/l		92
78) n-propylbenzene	12.684	91	119323	10.093 ug/l		98
79) 2-Chlorotoluene	12.770	91	67938	10.198 ug/l		97
80) 1,3,5-Trimethylbenzene	12.825	105	83173	10.078 ug/l		99
81) trans-1,4-Dichloro-2-b...	12.386	75	5166	9.405 ug/l		92
82) 4-Chlorotoluene	12.867	91	71011	10.301 ug/l		98
83) tert-Butylbenzene	13.087	119	73197	9.926 ug/l		98
84) 1,2,4-Trimethylbenzene	13.130	105	80884	10.033 ug/l		99
85) sec-Butylbenzene	13.264	105	105118	10.150 ug/l		99
86) p-Isopropyltoluene	13.379	119	90174	10.030 ug/l		99
87) 1,3-Dichlorobenzene	13.379	146	46734	10.227 ug/l		98
88) 1,4-Dichlorobenzene	13.459	146	45098	10.056 ug/l		97
89) n-Butylbenzene	13.709	91	79106	9.784 ug/l		97
90) Hexachloroethane	13.971	117	17957	10.151 ug/l		96
91) 1,2-Dichlorobenzene	13.751	146	39552	10.081 ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	2558	9.895 ug/l		98
93) 1,2,4-Trichlorobenzene	15.019	180	19539	8.826 ug/l		98
94) Hexachlorobutadiene	15.123	225	14317	10.236 ug/l		98
95) Naphthalene	15.251	128	30637	8.790 ug/l		99
96) 1,2,3-Trichlorobenzene	15.440	180	15707	9.315 ug/l		100

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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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