Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051724\
Data File : VD078959.D
Acq On : 17 May 2024 11:00
Operator : RP/MD
Sample : VSTD05030
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD050130

Quant Time: May 18 00:36:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051724SMA.M
Quant Title : SFAM01.0
QLast Update : Sat May 18 00:33:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.781	114	157794	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.581	117	167294	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	97025	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.275	65	183545	47.449	ug/L		0.00
7) Chloroethane-d5	2.799	69	202903	49.002	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.911	65	44642	59.973	ug/L		0.00
21) 2-Butanone-d5	6.987	46	57200	104.471	ug/L		0.00
24) Chloroform-d	7.569	84	221252	47.101	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.228	65	107933	48.382	ug/L		0.00
32) Benzene-d6	8.204	84	417745	48.939	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.210	67	121972	46.895	ug/L		0.00
41) Toluene-d8	10.269	98	393013	49.949	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.522	79	57283	47.812	ug/L		0.00
47) 2-Hexanone-d5	10.875	63	55754	106.958	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	141190	47.720	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	157922	47.954	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.934	85	137902	43.679	ug/L		100
3) Chloromethane	2.146	50	166661	43.022	ug/L		94
5) Vinyl chloride	2.281	62	282764	44.611	ug/L		99
6) Bromomethane	2.693	94	207964	45.881	ug/L		95
8) Chloroethane	2.834	64	227311	46.437	ug/L		97
9) Trichlorofluoromethane	3.175	101	267040	54.021	ug/L		100
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	169570	54.654	ug/L		97
12) 1,1-Dichloroethene	3.940	96	152403	55.859	ug/L		88
13) Acetone	4.022	43	81325	120.227	ug/L		96
14) Carbon disulfide	4.269	76	389893	49.314	ug/L		98
15) Methyl Acetate	4.558	43	61003	54.645	ug/L		99
16) Methylene chloride	4.799	84	148427	39.709	ug/L		97
17) trans-1,2-Dichloroethene	5.310	96	136140	49.005	ug/L		98
18) Methyl tert-butyl Ether	5.322	73	320590	54.126	ug/L	#	78
19) 1,1-Dichloroethane	6.110	63	228304	48.928	ug/L		98
20) cis-1,2-Dichloroethene	7.081	96	163982	51.750	ug/L		93
22) 2-Butanone	7.081	43	81434	107.092	ug/L		95
23) Bromochloromethane	7.422	128	77157	48.731	ug/L	#	89
25) Chloroform	7.593	83	270857	48.294	ug/L		94
27) 1,2-Dichloroethane	8.328	62	159640	49.144	ug/L		99
29) Cyclohexane	7.875	56	160653	49.966	ug/L		93
30) 1,1,1-Trichloroethane	7.793	97	224042	48.405	ug/L		98
31) Carbon tetrachloride	7.993	117	206129	48.367	ug/L		98
33) Benzene	8.251	78	581039	50.669	ug/L		100
34) Trichloroethene	9.028	95	144902	49.048	ug/L		95
35) Methylcyclohexane	9.275	83	228335	51.409	ug/L		97
37) 1,2-Dichloropropane	9.304	63	145720	50.142	ug/L		100
38) Bromodichloromethane	9.587	83	205616	50.034	ug/L		99
39) cis-1,3-Dichloropropene	10.016	75	242789	53.256	ug/L		96
40) 4-Methyl-2-pentanone	10.157	43	160078	109.051	ug/L		99
42) Toluene	10.334	91	670745	53.202	ug/L		98
44) trans-1,3-Dichloropropene	10.551	75	216273	53.661	ug/L		100

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Quant Title : SFAM01.0
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	135063	50.825	ug/L		92
46) Tetrachloroethene	10.810	164	121508	47.803	ug/L		92
48) 2-Hexanone	10.922	43	123843	108.830	ug/L		99
49) Dibromochloromethane	11.075	129	162420	50.273	ug/L		98
50) 1,2-Dibromoethane	11.181	107	126463	50.379	ug/L	#	98
51) Chlorobenzene	11.604	112	445480	50.014	ug/L		99
52) Ethylbenzene	11.681	91	723470	53.169	ug/L		97
53) m,p-Xylene	11.792	106	289756	53.229	ug/L		98
54) o-Xylene	12.122	106	287528	54.232	ug/L		98
55) Styrene	12.134	104	524360	55.967	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.669	83	164661	51.088	ug/L		98
59) Bromoform	12.298	173	105609	48.093	ug/L		96
60) Isopropylbenzene	12.422	105	763128	53.201	ug/L		99
61) 1,2,3-Trichloropropane	12.722	75	105329	47.360	ug/L		99
62) 1,3,5-Trimethylbenzene	12.904	105	591553	55.792	ug/L		99
63) 1,2,4-Trimethylbenzene	13.210	105	597049	55.416	ug/L		99
64) 1,3-Dichlorobenzene	13.457	146	350092	50.253	ug/L		95
65) 1,4-Dichlorobenzene	13.534	146	366413	48.785	ug/L		97
67) 1,2-Dichlorobenzene	13.828	146	332944	50.495	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.445	75	22493	48.551	ug/L		96
69) 1,3,5-Trichlorobenzene	14.592	180	226173	49.988	ug/L		99
70) 1,2,4-trichlorobenzene	15.098	180	192929	50.369	ug/L		98
71) Naphthalene	15.328	128	421343	53.915	ug/L		100
72) 1,2,3-Trichlorobenzene	15.522	180	177411	49.554	ug/L		99

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

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