

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121324\
 Data File : VD080161.D
 Acq On : 13 Dec 2024 10:32
 Operator : RP/MD
 Sample : VSTD00563
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD005863

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024

Quant Time: Dec 13 22:45:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 13 22:44:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	202792	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	194666	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	92533	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	37550	5.050	ug/L	0.00
7) Chloroethane-d5	2.799	69	29817	5.093	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	7866	4.915	ug/L	0.00
21) 2-Butanone-d5	6.987	46	7942m	10.302	ug/L	-0.01
24) Chloroform-d	7.569	84	33172	5.025	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	20518	5.488	ug/L	0.00
32) Benzene-d6	8.205	84	67976	5.022	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.216	67	22254	5.164	ug/L	0.00
41) Toluene-d8	10.269	98	57550	4.861	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	8708	4.955	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	5393	9.064	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.646	84	17082	5.176	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.810	152	18528	5.128	ug/L	0.00
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	14131	4.432	ug/L	95
3) Chloromethane	2.152	50	27238	4.855	ug/L	97
5) Vinyl chloride	2.287	62	33817	4.886	ug/L	98
6) Bromomethane	2.693	94	19917	4.902	ug/L	88
8) Chloroethane	2.840	64	22750	5.142	ug/L	95
9) Trichlorofluoromethane	3.175	101	26948	5.016	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	15268m	5.375	ug/L	
12) 1,1-Dichloroethene	3.946	96	14082	4.955	ug/L	87
13) Acetone	4.028	43	12449m	9.358	ug/L	
14) Carbon disulfide	4.269	76	51627	4.822	ug/L	96
15) Methyl Acetate	4.569	43	7154m	4.944	ug/L	
16) Methylene chloride	4.799	84	18753	5.247	ug/L	97
17) trans-1,2-Dichloroethene	5.311	96	15188	4.835	ug/L	91
18) Methyl tert-butyl Ether	5.322	73	27265	4.353	ug/L	92
19) 1,1-Dichloroethane	6.111	63	30793	5.094	ug/L	93
20) cis-1,2-Dichloroethene	7.087	96	15676	4.653	ug/L	94
22) 2-Butanone	7.081	43	11808	8.725	ug/L	96
23) Bromochloromethane	7.434	128	7844	5.007	ug/L	88
25) Chloroform	7.593	83	35524	5.280	ug/L	98
27) 1,2-Dichloroethane	8.328	62	20087	5.041	ug/L #	84
29) Cyclohexane	7.887	56	19792	4.313	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	25725	5.066	ug/L #	91
31) Carbon tetrachloride	7.999	117	21669	5.025	ug/L	100
33) Benzene	8.258	78	66272	4.910	ug/L	100
34) Trichloroethene	9.028	95	16759	4.900	ug/L	96
35) Methylcyclohexane	9.275	83	22875	4.479	ug/L	96
37) 1,2-Dichloropropane	9.310	63	17697	4.845	ug/L #	97
38) Bromodichloromethane	9.587	83	22883	5.105	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	23932	4.653	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	17201	8.947	ug/L	97
42) Toluene	10.334	91	65322	4.693	ug/L	98
44) trans-1,3-Dichloropropene	10.557	75	21049	4.716	ug/L	99

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45) 1,1,2-Trichloroethane	10.734	97	12650	4.912	ug/L	99
46) Tetrachloroethene	10.810	164	12920	4.942	ug/L	95
48) 2-Hexanone	10.928	43	15658	8.491	ug/L	94
49) Dibromochloromethane	11.075	129	14528	5.012	ug/L	84
50) 1,2-Dibromoethane	11.181	107	11732	4.920	ug/L	98
51) Chlorobenzene	11.604	112	43394	4.947	ug/L	98
52) Ethylbenzene	11.687	91	67668	4.579	ug/L	99
53) m,p-Xylene	11.787	106	25454	4.588	ug/L	90
54) o-Xylene	12.122	106	23052	4.422	ug/L	95
55) Styrene	12.134	104	41118	4.385	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.669	83	14639	4.861	ug/L	99
59) Bromoform	12.299	173	8451	5.200	ug/L #	93
60) Isopropylbenzene	12.422	105	58877	4.510	ug/L	96
61) 1,2,3-Trichloropropane	12.722	75	10441	5.360	ug/L	96
62) 1,3,5-Trimethylbenzene	12.904	105	45533	4.381	ug/L	96
63) 1,2,4-Trimethylbenzene	13.210	105	43653	4.277	ug/L	97
64) 1,3-Dichlorobenzene	13.457	146	31458	5.071	ug/L	99
65) 1,4-Dichlorobenzene	13.534	146	33133	5.015	ug/L	95
67) 1,2-Dichlorobenzene	13.828	146	27667	4.866	ug/L #	92
68) 1,2-Dibromo-3-chloropr...	14.445	75	2394	5.328	ug/L	96
69) 1,3,5-Trichlorobenzene	14.592	180	19474	4.916	ug/L	98
70) 1,2,4-trichlorobenzene	15.092	180	15136	4.458	ug/L	94
71) Naphthalene	15.334	128	26675	4.323	ug/L #	96
72) 1,2,3-Trichlorobenzene	15.522	180	14189	4.554	ug/L	97

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

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