

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070824\
 Data File : VW029476.D
 Acq On : 08 Jul 2024 12:36
 Operator : SY/MD
 Sample : VSTD05055
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050455

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/09/2024
 Supervised By :Semsettin Yesilyurt 07/09/2024

Quant Time: Jul 09 01:59:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 09 01:56:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	252916	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	236509	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	117809	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	220912	61.172	ug/L	0.00
7) Chloroethane-d5	2.899	69	163173	54.988	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	102982	59.456	ug/L	0.00
21) 2-Butanone-d5	7.075	46	140984	129.365	ug/L	0.00
24) Chloroform-d	7.648	84	418997	55.153	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	244875	55.864	ug/L	0.00
32) Benzene-d6	8.276	84	826519	57.031	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	263900	56.978	ug/L	0.00
41) Toluene-d8	10.319	98	743705	58.301	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	114524	60.538	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	102360	137.369	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	215503	57.917	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	235866	57.224	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	114649m	47.249	ug/L	
3) Chloromethane	2.229	50	173145	48.893	ug/L	97
5) Vinyl chloride	2.381	62	194589	48.197	ug/L	94
6) Bromomethane	2.789	94	117641	48.207	ug/L	92
8) Chloroethane	2.936	64	124157	49.983	ug/L	99
9) Trichlorofluoromethane	3.271	101	187233	58.136	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	174576	50.300	ug/L	98
12) 1,1-Dichloroethene	4.045	96	170131	56.799	ug/L	90
13) Acetone	4.118	43	139904	141.249	ug/L	98
14) Carbon disulfide	4.393	76	552774	55.796	ug/L	98
15) Methyl Acetate	4.667	43	117270	62.989	ug/L	99
16) Methylene chloride	4.923	84	193343	42.755	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	187512	55.903	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	332940	61.600	ug/L	99
19) 1,1-Dichloroethane	6.216	63	385781	53.943	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	209141	56.622	ug/L	99
22) 2-Butanone	7.167	43	182769	138.994	ug/L	99
23) Bromochloromethane	7.520	128	91583	55.827	ug/L	92
25) Chloroform	7.679	83	369520	53.152	ug/L	98
27) 1,2-Dichloroethane	8.398	62	278353	53.723	ug/L	98
29) Cyclohexane	7.959	56	343146	61.248	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	296193	54.985	ug/L	99
31) Carbon tetrachloride	8.069	117	270883	55.040	ug/L	100
33) Benzene	8.325	78	822926	56.670	ug/L	100
34) Trichloroethene	9.093	95	209613	53.878	ug/L	98
35) Methylcyclohexane	9.331	83	359818	58.799	ug/L	99
37) 1,2-Dichloropropane	9.368	63	222175	54.455	ug/L	100
38) Bromodichloromethane	9.642	83	276028	55.437	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	358573	61.315	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	336423	129.065	ug/L	99
42) Toluene	10.386	91	851906	57.092	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	306107	61.726	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	159690	55.600	ug/L	97
46) Tetrachloroethene	10.861	164	156447	57.035	ug/L	93
48) 2-Hexanone	10.965	43	258087	137.547	ug/L	99
49) Dibromochloromethane	11.123	129	168477	56.437	ug/L	95
50) 1,2-Dibromoethane	11.233	107	156243	60.280	ug/L	99
51) Chlorobenzene	11.654	112	530680	55.045	ug/L	98
52) Ethylbenzene	11.727	91	956960	56.286	ug/L	98
53) m,p-Xylene	11.837	106	357494	57.593	ug/L	96
54) o-Xylene	12.160	106	335262	57.733	ug/L	97
55) Styrene	12.178	104	593654	58.840	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	200419	56.458	ug/L	97
59) Bromoform	12.349	173	106477	63.454	ug/L	95
60) Isopropylbenzene	12.458	105	948813	59.431	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	150524	56.520	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	714727	61.481	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	762867	61.130	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	394527	56.532	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	404996	55.028	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	372997	58.517	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	35851	57.332	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	254703	54.876	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	237649	62.444	ug/L	99
71) Naphthalene	15.360	128	514183	67.302	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	203643	58.112	ug/L	94

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

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