

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072522\
 Data File : VW024063.D
 Acq On : 25 Jul 2022 10:09
 Operator : SY/VA
 Sample : VSTD10060
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100460

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/26/2022
 Supervised By : Mahesh Dadoda 07/26/2022

Quant Time: Jul 26 00:20:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 26 00:18:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	288881	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	301933	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	182692	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	610159	98.537	ug/L	0.00
7) Chloroethane-d5	2.867	69	404564	96.696	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	569561	104.461	ug/L	0.00
21) 2-Butanone-d5	7.080	46	225858	204.773	ug/L	0.00
24) Chloroform-d	7.647	84	770709	97.043	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	438363	96.073	ug/L	0.00
32) Benzene-d6	8.275	84	1507979	107.516	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	443932	100.347	ug/L	0.00
41) Toluene-d8	10.323	98	1540431	109.820	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	216388	110.318	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	221082	239.041	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	482356	94.496	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	583958	98.698	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	258234	119.254	ug/L	93
3) Chloromethane	2.215	50	573522	103.541	ug/L	99
5) Vinyl chloride	2.349	62	767886	88.944	ug/L	100
6) Bromomethane	2.757	94	371813	77.985	ug/L	94
8) Chloroethane	2.904	64	362223	95.376	ug/L	95
9) Trichlorofluoromethane	3.239	101	330827	82.314	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	359846m	96.718	ug/L	
12) 1,1-Dichloroethene	4.032	96	317140	103.948	ug/L	92
13) Acetone	4.123	43	132077	170.454	ug/L	97
14) Carbon disulfide	4.379	76	953156	101.715	ug/L	98
15) Methyl Acetate	4.672	43	181824	96.518	ug/L	97
16) Methylene chloride	4.916	84	355443	80.808	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	394506	105.683	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	614423	111.040	ug/L	98
19) 1,1-Dichloroethane	6.208	63	687363	97.484	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	455578	111.141	ug/L	98
22) 2-Butanone	7.171	43	268750	214.410	ug/L	99
23) Bromochloromethane	7.513	128	212833	100.893	ug/L	95
25) Chloroform	7.671	83	797814	97.786	ug/L	100
27) 1,2-Dichloroethane	8.397	62	551532	94.884	ug/L	99
29) Cyclohexane	7.952	56	654138	117.586	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	659211	97.676	ug/L	98
31) Carbon tetrachloride	8.067	117	616780	99.142	ug/L	98
33) Benzene	8.323	78	1797511	103.053	ug/L	100
34) Trichloroethene	9.085	95	468023	101.328	ug/L	97
35) Methylcyclohexane	9.329	83	799750	113.942	ug/L	98
37) 1,2-Dichloropropane	9.366	63	433531	98.311	ug/L	100
38) Bromodichloromethane	9.640	83	632160	100.547	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	741104	115.352	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	663493	216.226	ug/L	97
42) Toluene	10.384	91	2123642	107.638	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	692852	113.876	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	389801	101.187	ug/L	96
46) Tetrachloroethene	10.860	164	384096	106.250	ug/L	93
48) 2-Hexanone	10.969	43	476825	214.427	ug/L	95
49) Dibromochloromethane	11.128	129	500449	111.181	ug/L	99
50) 1,2-Dibromoethane	11.231	107	394812	104.678	ug/L #	93
51) Chlorobenzene	11.658	112	1399568	105.404	ug/L	95
52) Ethylbenzene	11.731	91	2424772	111.520	ug/L	99
53) m,p-Xylene	11.835	106	971962	115.170	ug/L	96
54) o-Xylene	12.164	106	964577	119.517	ug/L	96
55) Styrene	12.176	104	1720374	118.986	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	521658	97.705	ug/L	98
59) Bromoform	12.347	173	308825	109.361	ug/L	99
60) Isopropylbenzene	12.463	105	2592873	112.049	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	366740	89.310	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	2219322	119.209	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	2209856	117.279	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	1160474	104.853	ug/L	100
65) 1,4-Dichlorobenzene	13.573	146	1145704	97.516	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	1074811	103.822	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	82766	90.204	ug/L #	75
69) 1,3,5-Trichlorobenzene	14.627	180	767081	108.685	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	593886	111.053	ug/L	93
71) Naphthalene	15.359	128	1386921	121.199	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	561956	111.712	ug/L	98

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

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