

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072522\
 Data File : VW024062.D
 Acq On : 25 Jul 2022 09:45
 Operator : SY/VA
 Sample : VSTD05059
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050459

Manual Integrations
 APPROVED

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

Quant Time: Jul 26 00:20:18 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	8.841	114	285129	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	300911	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	175138	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	294729	48.223	ug/L	0.00
7) Chloroethane-d5	2.873	69	196265	47.527	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	248890	46.249	ug/L	0.00
21) 2-Butanone-d5	7.080	46	93299	85.702	ug/L	0.00
24) Chloroform-d	7.647	84	338991	43.245	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	200162	44.445	ug/L	0.00
32) Benzene-d6	8.275	84	676327	48.384	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	196071	44.471	ug/L	0.00
41) Toluene-d8	10.323	98	691897	49.494	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	95293	48.747	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	93454	101.389	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	221875	43.614	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	262730	46.321	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	104076m	48.696	ug/L	
3) Chloromethane	2.209	50	247791	45.324	ug/L	96
5) Vinyl chloride	2.349	62	370571	43.488	ug/L	98
6) Bromomethane	2.763	94	191985	40.797	ug/L	93
8) Chloroethane	2.910	64	174859	46.647	ug/L	98
9) Trichlorofluoromethane	3.245	101	165637	41.755	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	154364	42.035	ug/L #	75
12) 1,1-Dichloroethene	4.025	96	131529	43.678	ug/L	95
13) Acetone	4.123	43	56046	73.283	ug/L	98
14) Carbon disulfide	4.379	76	417284	45.116	ug/L	98
15) Methyl Acetate	4.672	43	78217	42.067	ug/L	97
16) Methylene chloride	4.909	84	163414	37.640	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	168858	45.830	ug/L	100
18) Methyl tert-butyl Ether	5.427	73	264126	48.362	ug/L	99
19) 1,1-Dichloroethane	6.208	63	305071	43.835	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	193283	47.773	ug/L	95
22) 2-Butanone	7.171	43	111864	90.420	ug/L	98
23) Bromochloromethane	7.512	128	91875	44.126	ug/L	97
25) Chloroform	7.671	83	351539	43.654	ug/L	99
27) 1,2-Dichloroethane	8.396	62	255185	44.479	ug/L	99
29) Cyclohexane	7.951	56	275517	49.695	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	294927	43.848	ug/L	99
31) Carbon tetrachloride	8.061	117	277644	44.780	ug/L	97
33) Benzene	8.323	78	808008	46.481	ug/L	100
34) Trichloroethene	9.091	95	206415	44.841	ug/L	96
35) Methylcyclohexane	9.329	83	335782	48.002	ug/L	98
37) 1,2-Dichloropropane	9.366	63	197970	45.046	ug/L	99
38) Bromodichloromethane	9.646	83	282801	45.133	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	318844	49.796	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	288116	94.213	ug/L	98
42) Toluene	10.384	91	966327	49.145	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	305897	50.447	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	175362	45.676	ug/L	93
46) Tetrachloroethene	10.859	164	167015	46.357	ug/L	94
48) 2-Hexanone	10.969	43	210639	95.045	ug/L	96
49) Dibromochloromethane	11.128	129	210946	47.023	ug/L	95
50) 1,2-Dibromoethane	11.231	107	172826	45.977	ug/L #	98
51) Chlorobenzene	11.652	112	631900	47.751	ug/L	96
52) Ethylbenzene	11.725	91	1080537	49.865	ug/L	96
53) m,p-Xylene	11.835	106	426343	50.690	ug/L	96
54) o-Xylene	12.164	106	426332	53.004	ug/L	95
55) Styrene	12.176	104	752239	52.204	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	237013	44.543	ug/L	99
59) Bromoform	12.347	173	126427	46.701	ug/L	96
60) Isopropylbenzene	12.463	105	1123356	50.639	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	167423	42.530	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	960468	53.816	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	954002	52.813	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	507484	47.831	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	511153	45.383	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	477991	48.163	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.475	75	38296	43.538	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	319815	47.268	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	256401	50.013	ug/L	96
71) Naphthalene	15.359	128	603075	54.974	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	241730	50.127	ug/L	96

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

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