

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061924\
 Data File : VW029200.D
 Acq On : 19 Jun 2024 08:49
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025509

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/20/2024
 Supervised By :Mahesh Dadoda 06/20/2024

Quant Time: Jun 20 00:33:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 19 01:46:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	272880	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	249906	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	124076	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	87531	23.175	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.680%
7) Chloroethane-d5	2.899	69	69621	21.828	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.320%
11) 1,1-Dichloroethene-d2	4.021	65	40243	22.067	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.280%
21) 2-Butanone-d5	7.075	46	45399	40.176	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.360%
24) Chloroform-d	7.648	84	178219	21.894	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.560%
26) 1,2-Dichloroethane-d4	8.307	65	99871	21.369	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.480%
32) Benzene-d6	8.270	84	349134	23.001	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	9.270	67	107437	22.266	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.080%
41) Toluene-d8	10.318	98	315054	23.460	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.840%
43) trans-1,3-Dichloroprop...	10.575	79	42699	21.960	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.840%
47) 2-Hexanone-d5	10.922	63	32244	42.628	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.260%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	80418	20.940	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.760%
66) 1,2-Dichlorobenzene-d4	13.848	152	99863	23.187	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	59048m	22.179	ug/L	
3) Chloromethane	2.222	50	74579	19.646	ug/L	98
5) Vinyl chloride	2.375	62	93558	21.461	ug/L	97
6) Bromomethane	2.789	94	55342	21.122	ug/L	91
8) Chloroethane	2.936	64	59464	22.301	ug/L	98
9) Trichlorofluoromethane	3.265	101	74233	21.964	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	78740	21.131	ug/L	93
12) 1,1-Dichloroethene	4.039	96	73551	23.262	ug/L	98
13) Acetone	4.118	43	56833	59.181	ug/L	97
14) Carbon disulfide	4.387	76	221050	21.416	ug/L	99
15) Methyl Acetate	4.667	43	39205	20.565	ug/L	98
16) Methylene chloride	4.917	84	84296	17.568	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	78637	22.395	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	123117	21.915	ug/L	100
19) 1,1-Dichloroethane	6.216	63	168212	22.180	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	86992	22.466	ug/L	96
22) 2-Butanone	7.167	43	62974	47.838	ug/L	99
23) Bromochloromethane	7.514	128	36654	21.264	ug/L	96
25) Chloroform	7.679	83	166017	22.418	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	117783	21.565	ug/L	98
29) Cyclohexane	7.953	56	138061	24.166	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	135545	24.391	ug/L	95
31) Carbon tetrachloride	8.069	117	118065	23.257	ug/L	97
33) Benzene	8.319	78	349714	23.290	ug/L	100
34) Trichloroethene	9.087	95	91274	22.784	ug/L	94
35) Methylcyclohexane	9.337	83	152052	24.134	ug/L	99
37) 1,2-Dichloropropane	9.367	63	98213	23.277	ug/L	99
38) Bromodichloromethane	9.642	83	116565	22.595	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	141048	23.649	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	114427	43.755	ug/L	99
42) Toluene	10.386	91	370071	23.974	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	117922	23.415	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	63508	21.612	ug/L	96
46) Tetrachloroethene	10.861	164	63693	22.744	ug/L	92
48) 2-Hexanone	10.965	43	93702	50.495	ug/L	98
49) Dibromochloromethane	11.129	129	66884	21.773	ug/L	99
50) 1,2-Dibromoethane	11.233	107	58892	22.326	ug/L	92
51) Chlorobenzene	11.654	112	228937	22.838	ug/L	97
52) Ethylbenzene	11.727	91	432870	24.704	ug/L	99
53) m,p-Xylene	11.836	106	158393	24.747	ug/L	96
54) o-Xylene	12.160	106	147378	24.638	ug/L	97
55) Styrene	12.178	104	252941	24.252	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	77341	21.277	ug/L	99
59) Bromoform	12.342	173	36157	21.262	ug/L	97
60) Isopropylbenzene	12.458	105	421150	25.474	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	58104	21.470	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	311976	26.056	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	329600	25.585	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	172107	24.056	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	175960	23.115	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	158353	23.941	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	12565	19.895	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	114498	23.713	ug/L	94
70) 1,2,4-trichlorobenzene	15.122	180	93563	23.903	ug/L	99
71) Naphthalene	15.360	128	180554	23.371	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	86227	24.177	ug/L	96

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

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