

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062124\
 Data File : VW029292.D
 Acq On : 21 Jun 2024 09:40
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025515

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2024
 Supervised By :Mahesh Dadoda 06/25/2024

Quant Time: Jun 21 22:49:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 21 02:43:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	297256	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	271768	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	141223	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	87962	21.379	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.520%
7) Chloroethane-d5	2.905	69	71887	20.690	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.760%
11) 1,1-Dichloroethene-d2	4.021	65	41544	20.913	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.640%
21) 2-Butanone-d5	7.075	46	57331	46.575	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.140%
24) Chloroform-d	7.648	84	199505	22.499	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	8.301	65	111266	21.855	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	8.270	84	384179	23.273	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.080%
36) 1,2-Dichloropropane-d6	9.270	67	121682	23.189	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.760%
41) Toluene-d8	10.319	98	350503	24.000	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	10.575	79	48043	22.720	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.880%
47) 2-Hexanone-d5	10.922	63	40420	49.138	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.280%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	96164	23.026	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.120%
66) 1,2-Dichlorobenzene-d4	13.848	152	113699	23.195	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	66553	22.948	ug/L	92
3) Chloromethane	2.229	50	88704	21.451	ug/L	100
5) Vinyl chloride	2.381	62	109697	23.100	ug/L	97
6) Bromomethane	2.796	94	62579	21.925	ug/L	94
8) Chloroethane	2.942	64	68642	23.633	ug/L	99
9) Trichlorofluoromethane	3.265	101	86296	23.439	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	103030m	25.382	ug/L	
12) 1,1-Dichloroethene	4.045	96	89190	25.895	ug/L	89
13) Acetone	4.125	43	63916	61.099	ug/L	96
14) Carbon disulfide	4.393	76	265965	23.654	ug/L	98
15) Methyl Acetate	4.673	43	51911	24.996	ug/L	98
16) Methylene chloride	4.923	84	114510	21.908	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	97697	25.541	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	159656	26.089	ug/L	98
19) 1,1-Dichloroethane	6.216	63	207142	25.074	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	108733	25.778	ug/L	97
22) 2-Butanone	7.167	43	76687	53.478	ug/L	99
23) Bromochloromethane	7.514	128	47604	25.352	ug/L	94
25) Chloroform	7.679	83	203017	25.166	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	143644	24.143	ug/L	100
29) Cyclohexane	7.959	56	171242	27.562	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	156569	25.908	ug/L	98
31) Carbon tetrachloride	8.069	117	141808	25.687	ug/L	97
33) Benzene	8.325	78	435007	26.640	ug/L	100
34) Trichloroethene	9.087	95	110630	25.394	ug/L	96
35) Methylcyclohexane	9.331	83	186292	27.190	ug/L	99
37) 1,2-Dichloropropane	9.361	63	120297	26.217	ug/L	99
38) Bromodichloromethane	9.642	83	144100	25.686	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	177151	27.312	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	149326	52.507	ug/L	99
42) Toluene	10.386	91	453868	27.037	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	146062	26.670	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	82817	25.915	ug/L	96
46) Tetrachloroethene	10.861	164	78677	25.835	ug/L	93
48) 2-Hexanone	10.965	43	113147	56.069	ug/L	97
49) Dibromochloromethane	11.123	129	86169	25.795	ug/L	99
50) 1,2-Dibromoethane	11.233	107	74816	26.081	ug/L	95
51) Chlorobenzene	11.654	112	287235	26.349	ug/L	98
52) Ethylbenzene	11.727	91	532458	27.943	ug/L	100
53) m,p-Xylene	11.837	106	198283	28.488	ug/L	98
54) o-Xylene	12.160	106	182375	28.036	ug/L	97
55) Styrene	12.178	104	325298	28.681	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.708	83	100942	25.536	ug/L	96
59) Bromoform	12.349	173	48280	24.944	ug/L	99
60) Isopropylbenzene	12.458	105	511822	27.199	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	73764	23.947	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	381387	27.985	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	418237	28.523	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	220997	27.139	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	213967	24.695	ug/L	87
67) 1,2-Dichlorobenzene	13.861	146	200566	26.642	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	16267	22.630	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.623	180	146236	26.608	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	121931	27.368	ug/L	98
71) Naphthalene	15.360	128	243146	27.652	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	107699	26.531	ug/L	95

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

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