

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071924\
 Data File : VW029670.D
 Acq On : 19 Jul 2024 20:44
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025548

Quant Time: Jul 19 23:25:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 19 23:16:32 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 07/22/2024
 Supervised By :Mahesh Dadoda 07/24/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	215184	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	203142	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	101547	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	73396	21.114	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.440%
7) Chloroethane-d5	2.899	69	63029	25.181	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.720%
11) 1,1-Dichloroethene-d2	4.021	65	37552	24.057	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.240%
21) 2-Butanone-d5	7.075	46	57432	55.038	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.080%
24) Chloroform-d	7.648	84	180698	29.047	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	116.200%
26) 1,2-Dichloroethane-d4	8.301	65	106493	29.186	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.760%
32) Benzene-d6	8.270	84	336518	27.653	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.600%
36) 1,2-Dichloropropane-d6	9.270	67	113677	29.216	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.880%
41) Toluene-d8	10.318	98	295369	27.599	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.400%
43) trans-1,3-Dichloroprop...	10.575	79	42305	25.676	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.720%
47) 2-Hexanone-d5	10.922	63	40486	57.261	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.520%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	90289	28.580	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.320%
66) 1,2-Dichlorobenzene-d4	13.848	152	93689	26.492	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	34485	16.366	ug/L	92
3) Chloromethane	2.222	50	56508	20.044	ug/L	95
5) Vinyl chloride	2.375	62	72872	22.650	ug/L	97
6) Bromomethane	2.789	94	44938	23.590	ug/L	99
8) Chloroethane	2.936	64	49636	25.073	ug/L	99
9) Trichlorofluoromethane	3.265	101	67342	23.253	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	70331m	24.677	ug/L	
12) 1,1-Dichloroethene	4.045	96	64610	24.144	ug/L	96
13) Acetone	4.124	43	37807	35.897	ug/L	100
14) Carbon disulfide	4.393	76	178921	20.588	ug/L	100
15) Methyl Acetate	4.667	43	42384	22.921	ug/L	97
16) Methylene chloride	4.917	84	91252	23.687	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	73681	24.872	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	132316	26.252	ug/L	98
19) 1,1-Dichloroethane	6.216	63	165014	27.124	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	85480	26.388	ug/L	95
22) 2-Butanone	7.173	43	57167	41.345	ug/L	100
23) Bromochloromethane	7.520	128	36188	24.836	ug/L	98
25) Chloroform	7.679	83	162534	27.612	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	118313	26.797	ug/L	98
29) Cyclohexane	7.953	56	125419	24.794	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	123160	26.550	ug/L	99
31) Carbon tetrachloride	8.069	117	109039	25.666	ug/L	99
33) Benzene	8.319	78	344790	27.128	ug/L	100
34) Trichloroethene	9.087	95	87086	25.946	ug/L	93
35) Methylcyclohexane	9.337	83	137409	25.470	ug/L	99
37) 1,2-Dichloropropane	9.367	63	97653	27.784	ug/L	99
38) Bromodichloromethane	9.642	83	116133	27.052	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	138617	26.259	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	128861	52.022	ug/L	98
42) Toluene	10.386	91	361586	27.809	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	118122	26.107	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	65803	26.033	ug/L	93
46) Tetrachloroethene	10.861	164	62090	26.038	ug/L	94
48) 2-Hexanone	10.965	43	91958	49.416	ug/L	99
49) Dibromochloromethane	11.123	129	67489	25.656	ug/L	91
50) 1,2-Dibromoethane	11.233	107	60666	25.185	ug/L	96
51) Chlorobenzene	11.654	112	218145	25.953	ug/L	98
52) Ethylbenzene	11.727	91	408703	27.743	ug/L	100
53) m,p-Xylene	11.836	106	150832	27.891	ug/L	100
54) o-Xylene	12.166	106	146896	29.368	ug/L	87
55) Styrene	12.178	104	250050	28.430	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	82863	25.989	ug/L	98
59) Bromoform	12.342	173	37891	24.173	ug/L	98
60) Isopropylbenzene	12.458	105	393118	27.514	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	62047	25.247	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	300170	29.535	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	320958	28.613	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	166339	25.973	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	173236	26.403	ug/L	96
67) 1,2-Dichlorobenzene	13.861	146	153517	26.518	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	13294	22.627	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	111123	26.597	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	95229	25.904	ug/L	98
71) Naphthalene	15.354	128	188550	24.436	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	84611	25.332	ug/L	96

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

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