

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080124\
 Data File : VW029830.D
 Acq On : 01 Aug 2024 16:32
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025566

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/02/2024
 Supervised By :Mahesh Dadoda 08/02/2024

Quant Time: Aug 02 01:47:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 02 01:45:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	229752	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	219072	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	110285	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.375	65	60097	18.425	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.680%
7) Chloroethane-d5	2.899	69	53559m	23.000	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	4.021	65	29992	20.144	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.560%
21) 2-Butanone-d5	7.069	46	56765	63.496	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.000%
24) Chloroform-d	7.648	84	167825	28.218	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.880%
26) 1,2-Dichloroethane-d4	8.300	65	100612	29.700	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.800%
32) Benzene-d6	8.270	84	304244	25.703	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	9.270	67	103102	27.279	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.120%
41) Toluene-d8	10.318	98	270610	25.711	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.840%
43) trans-1,3-Dichloroprop...	10.574	79	40506	26.485	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.960%
47) 2-Hexanone-d5	10.922	63	41529	66.636	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.280%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	88983	31.707	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.840%#
66) 1,2-Dichlorobenzene-d4	13.848	152	91574	26.741	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	80297	25.928	ug/L	93
3) Chloromethane	2.228	50	106332	27.747	ug/L	98
5) Vinyl chloride	2.381	62	109944	25.604	ug/L	98
6) Bromomethane	2.789	94	65163	27.637	ug/L	99
8) Chloroethane	2.929	64	69958	28.639	ug/L	99
9) Trichlorofluoromethane	3.265	101	81120	23.651	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	92035m	26.942	ug/L	
12) 1,1-Dichloroethene	4.051	96	83946	26.745	ug/L	96
13) Acetone	4.118	43	46875	42.192	ug/L	99
14) Carbon disulfide	4.393	76	279261	26.736	ug/L	100
15) Methyl Acetate	4.667	43	60275	32.572	ug/L	99
16) Methylene chloride	4.923	84	106291	22.130	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	96053	28.399	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	166499	29.868	ug/L	98
19) 1,1-Dichloroethane	6.215	63	205900	28.863	ug/L	99
20) cis-1,2-Dichloroethene	7.166	96	108307	29.520	ug/L	95
22) 2-Butanone	7.166	43	78052	54.830	ug/L	99
23) Bromochloromethane	7.508	128	47935	30.775	ug/L	92
25) Chloroform	7.672	83	201825	30.029	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	151705	30.972	ug/L	99
29) Cyclohexane	7.953	56	159221	25.575	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	149024	26.862	ug/L	98
31) Carbon tetrachloride	8.069	117	136268	27.260	ug/L	99
33) Benzene	8.319	78	432129	28.789	ug/L	100
34) Trichloroethene	9.087	95	106458	27.055	ug/L	96
35) Methylcyclohexane	9.331	83	169136	25.796	ug/L	97
37) 1,2-Dichloropropane	9.361	63	121853	29.624	ug/L	100
38) Bromodichloromethane	9.642	83	147996	30.214	ug/L	95
39) cis-1,3-Dichloropropene	10.068	75	172045	28.720	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	175320	67.102	ug/L	100
42) Toluene	10.385	91	439744	28.701	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	148661	29.894	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	85406	30.906	ug/L	96
46) Tetrachloroethene	10.861	164	71079	24.853	ug/L	96
48) 2-Hexanone	10.965	43	121449	62.064	ug/L	99
49) Dibromochloromethane	11.123	129	89517	31.204	ug/L	96
50) 1,2-Dibromoethane	11.233	107	77083	30.148	ug/L	96
51) Chlorobenzene	11.653	112	265826	27.893	ug/L	96
52) Ethylbenzene	11.727	91	497505	28.786	ug/L	99
53) m,p-Xylene	11.836	106	180878	28.457	ug/L	95
54) o-Xylene	12.159	106	167791	28.666	ug/L	88
55) Styrene	12.178	104	307818	30.339	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	104696	30.868	ug/L #	96
59) Bromoform	12.342	173	52012	31.343	ug/L	100
60) Isopropylbenzene	12.458	105	463608	27.166	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	80343	29.953	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	386831	30.496	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	380694	28.062	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	202171	27.766	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	199430	26.665	ug/L	98
67) 1,2-Dichlorobenzene	13.866	146	184023	27.760	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.476	75	18341	30.115	ug/L	92
69) 1,3,5-Trichlorobenzene	14.622	180	134107	26.920	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	112097	26.709	ug/L	97
71) Naphthalene	15.360	128	247745	30.937	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	103087	27.138	ug/L	98

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

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