

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032224\
 Data File : VW028227.D
 Acq On : 22 Mar 2024 14:24
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025523

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2024
 Supervised By :Mahesh Dadoda 03/25/2024

Quant Time: Mar 23 00:56:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 22 01:31:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	210028	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	186657	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	101212	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	49118	19.988	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.960%		
7) Chloroethane-d5	2.905	69	38158	22.225	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.920%		
11) 1,1-Dichloroethene-d2	4.021	65	34131	21.902	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	87.600%		
21) 2-Butanone-d5	7.081	46	32201	44.428	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	88.860%		
24) Chloroform-d	7.648	84	157513	25.433	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	101.720%		
26) 1,2-Dichloroethane-d4	8.307	65	82947	24.304	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	97.200%		
32) Benzene-d6	8.276	84	297332	26.091	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	104.360%		
36) 1,2-Dichloropropane-d6	9.276	67	86568	26.396	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	105.600%		
41) Toluene-d8	10.319	98	275542	26.213	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	104.840%		
43) trans-1,3-Dichloroprop...	10.575	79	37171	24.955	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	99.800%		
47) 2-Hexanone-d5	10.922	63	25751	47.503	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	95.000%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	60789	25.093	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	100.360%		
66) 1,2-Dichlorobenzene-d4	13.848	152	91543	24.829	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	99.320%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	53647	17.608	ug/L	99
3) Chloromethane	2.222	50	39512	18.285	ug/L	98
5) Vinyl chloride	2.375	62	50242	20.568	ug/L	97
6) Bromomethane	2.796	94	30896	21.238	ug/L	91
8) Chloroethane	2.936	64	28784	21.924	ug/L	99
9) Trichlorofluoromethane	3.271	101	69055	23.382	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	65992	22.493	ug/L	98
12) 1,1-Dichloroethene	4.045	96	60803	22.419	ug/L	92
13) Acetone	4.137	43	28696m	35.658	ug/L	
14) Carbon disulfide	4.393	76	180436	21.331	ug/L	99
15) Methyl Acetate	4.679	43	22926	18.495	ug/L	100
16) Methylene chloride	4.917	84	64941	20.316	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	63612	22.070	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	93815	21.574	ug/L	100
19) 1,1-Dichloroethane	6.222	63	123911	22.206	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	69198	22.230	ug/L	98
22) 2-Butanone	7.179	43	32444	35.509	ug/L	97
23) Bromochloromethane	7.514	128	29462	21.408	ug/L	93
25) Chloroform	7.679	83	129499	22.543	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	85396	21.051	ug/L	97
29) Cyclohexane	7.959	56	109702	22.533	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	114011	23.301	ug/L	99
31) Carbon tetrachloride	8.069	117	106095	23.117	ug/L	97
33) Benzene	8.319	78	264211	23.003	ug/L	100
34) Trichloroethene	9.093	95	73503	22.937	ug/L	97
35) Methylcyclohexane	9.331	83	124108	22.912	ug/L	100
37) 1,2-Dichloropropane	9.368	63	67565	22.998	ug/L	100
38) Bromodichloromethane	9.642	83	90390	22.820	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	108749	23.114	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	63666	39.260	ug/L	98
42) Toluene	10.386	91	286954	22.891	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	89373	22.499	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	46570	21.940	ug/L	97
46) Tetrachloroethene	10.861	164	59288	22.952	ug/L	99
48) 2-Hexanone	10.965	43	48113	37.875	ug/L	98
49) Dibromochloromethane	11.123	129	56268	22.383	ug/L	98
50) 1,2-Dibromoethane	11.233	107	43860	21.610	ug/L	98
51) Chlorobenzene	11.654	112	185193	23.275	ug/L	98
52) Ethylbenzene	11.727	91	342553	23.408	ug/L	99
53) m,p-Xylene	11.837	106	128091	23.260	ug/L	100
54) o-Xylene	12.160	106	118001	23.107	ug/L	95
55) Styrene	12.178	104	203995	23.256	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	51844	21.353	ug/L	98
59) Bromoform	12.349	173	31125	20.523	ug/L	99
60) Isopropylbenzene	12.458	105	349507	23.242	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	37690	19.512	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	232940	23.086	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	278388	22.850	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	149574	22.295	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	148347	22.113	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	129121	22.350	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	8184	18.036	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	104127	22.282	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	89223	22.475	ug/L	96
71) Naphthalene	15.360	128	144787	21.249	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	74627	22.803	ug/L	97

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

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