

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062624\
 Data File : VW029354.D
 Acq On : 26 Jun 2024 12:09
 Operator : SY/MD
 Sample : P3065-03MSD
 Misc : 4.72g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4CX6MSD

Quant Time: Jun 27 05:37:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 27 05:32:27 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin
 Yesilyurt

06/27/2024
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	412722	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	289597	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	84352	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.363	65	109285	19.131	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.520%
7) Chloroethane-d5	2.893	69	95668	19.831	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.320%
11) 1,1-Dichloroethene-d2	4.027	65	53180	19.281	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.120%
21) 2-Butanone-d5	7.075	46	51691	30.245	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.480%
24) Chloroform-d	7.648	84	264697	21.500	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	8.307	65	141486	20.016	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.080%
32) Benzene-d6	8.276	84	486636	27.665	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.680%
36) 1,2-Dichloropropane-d6	9.270	67	156975	28.074	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.280%
41) Toluene-d8	10.319	98	393209	25.266	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.080%
43) trans-1,3-Dichloroprop...	10.575	79	49725	22.068	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.280%
47) 2-Hexanone-d5	10.922	63	36966	42.173	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.340%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	90531	20.343	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.360%
66) 1,2-Dichlorobenzene-d4	13.855	152	59806	20.426	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.720%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.015	85	78069	19.388	ug/L	98
3) Chloromethane	2.222	50	107289	18.687	ug/L	99
5) Vinyl chloride	2.375	62	125692	19.063	ug/L	100
6) Bromomethane	2.789	94	63074	15.916	ug/L	89
8) Chloroethane	2.930	64	80886	20.057	ug/L	99
9) Trichlorofluoromethane	3.265	101	117136	22.915	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	97426	17.286	ug/L	93
12) 1,1-Dichloroethene	4.045	96	104058	21.759	ug/L	89
13) Acetone	4.118	43	45597	31.393	ug/L	96
14) Carbon disulfide	4.393	76	270742	17.343	ug/L	99
15) Methyl Acetate	4.673	43	44040m	15.274	ug/L	
16) Methylene chloride	4.923	84	139576	19.233	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	112095	21.107	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	200430	23.589	ug/L	98
19) 1,1-Dichloroethane	6.216	63	256916	22.398	ug/L	96
20) cis-1,2-Dichloroethene	7.167	96	126946	21.676	ug/L	96
22) 2-Butanone	7.167	43	84084	42.232	ug/L	94
23) Bromochloromethane	7.508	128	53723	20.606	ug/L	99
25) Chloroform	7.679	83	244331	21.814	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	163574	19.801	ug/L	99
29) Cyclohexane	7.959	56	134235	20.276	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	185970	28.879	ug/L	96
31) Carbon tetrachloride	8.069	117	155222	26.386	ug/L	95
33) Benzene	8.325	78	501032	28.794	ug/L	100
34) Trichloroethene	9.093	95	117604	25.333	ug/L	94
35) Methylcyclohexane	9.331	83	98962	13.555	ug/L	97
37) 1,2-Dichloropropane	9.367	63	137122	28.044	ug/L	99
38) Bromodichloromethane	9.642	83	160267	26.809	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	166618	24.107	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	162140	53.502	ug/L	98
42) Toluene	10.386	91	453899	25.374	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	132932	22.778	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	83996	24.666	ug/L	94
46) Tetrachloroethene	10.855	164	65248	20.106	ug/L	90
48) 2-Hexanone	10.965	43	115839	53.869	ug/L	94
49) Dibromochloromethane	11.129	129	87554	24.596	ug/L	96
50) 1,2-Dibromoethane	11.233	107	71539	23.403	ug/L	97
51) Chlorobenzene	11.654	112	245596	21.142	ug/L	99
52) Ethylbenzene	11.727	91	439616	21.650	ug/L	97
53) m,p-Xylene	11.837	106	156349	21.080	ug/L	93
54) o-Xylene	12.160	106	148640	21.443	ug/L	96
55) Styrene	12.178	104	239321	19.802	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	83676	19.865	ug/L	99
59) Bromoform	12.343	173	40926	35.400	ug/L	98
60) Isopropylbenzene	12.458	105	349924	31.133	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	67784	36.842	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	214988	26.411	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	229741	26.232	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	106637	21.924	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	104982	20.286	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	90255	20.072	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.476	75	11595	27.006	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.623	180	39733	12.104	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	24686	9.277	ug/L	96
71) Naphthalene	15.360	128	57955	11.035	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	18765	7.739	ug/L	95

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

