

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062124\
 Data File : VW029302.D
 Acq On : 21 Jun 2024 15:10
 Operator : SY/MD
 Sample : P2982-03MSD
 Misc : 5.10g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4CT2MSD

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

06/24/2024
 Supervised By : Mahesh
 Dadoda

Quant Time: Jun 21 22:56:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 21 22:53:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	438831	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	333852	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	119682	25.000	ug/L	0.00

06/25/2024

System Monitoring Compounds

4) Vinyl Chloride-d3	2.369	65	130444	21.476	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.920%
7) Chloroethane-d5	2.899	69	108276	21.109	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.440%
11) 1,1-Dichloroethene-d2	4.027	65	61776	21.065	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.240%
21) 2-Butanone-d5	7.075	46	93199	51.287	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.580%
24) Chloroform-d	7.648	84	297737	22.745	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.960%
26) 1,2-Dichloroethane-d4	8.307	65	172614	22.966	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.880%
32) Benzene-d6	8.276	84	572840	28.249	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.000%
36) 1,2-Dichloropropane-d6	9.270	67	183631	28.488	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.960%
41) Toluene-d8	10.319	98	463139	25.815	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.240%
43) trans-1,3-Dichloroprop...	10.575	79	64985	25.017	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.080%
47) 2-Hexanone-d5	10.922	63	66256	65.568	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.140%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	130948	25.524	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.080%
66) 1,2-Dichlorobenzene-d4	13.848	152	98329	23.669	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.680%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.021	85	86377	20.175	ug/L	100
3) Chloromethane	2.235	50	120669	19.767	ug/L	100
5) Vinyl chloride	2.381	62	137188	19.569	ug/L	97
6) Bromomethane	2.789	94	73106	17.350	ug/L	92
8) Chloroethane	2.930	64	88138	20.555	ug/L	100
9) Trichlorofluoromethane	3.265	101	118679	21.836	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	114012m	19.026	ug/L	
12) 1,1-Dichloroethene	4.045	96	112560	22.137	ug/L	95
13) Acetone	4.125	43	48928	31.682	ug/L	98
14) Carbon disulfide	4.399	76	304362	18.336	ug/L	100
15) Methyl Acetate	4.673	43	60001	19.571	ug/L	100
16) Methylene chloride	4.923	84	141654	18.358	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	124177	21.991	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	227838	25.219	ug/L	98
19) 1,1-Dichloroethane	6.216	63	272535	22.346	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	142005	22.805	ug/L	97
22) 2-Butanone	7.167	43	91599	43.269	ug/L	100
23) Bromochloromethane	7.514	128	60643	21.877	ug/L	93
25) Chloroform	7.679	83	259899	21.823	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	186269	21.207	ug/L	99
29) Cyclohexane	7.959	56	164017	21.490	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	194889	26.252	ug/L	96
31) Carbon tetrachloride	8.069	117	162023	23.891	ug/L	99
33) Benzene	8.325	78	537611	26.801	ug/L	100
34) Trichloroethene	9.093	95	130015	24.294	ug/L	96
35) Methylcyclohexane	9.331	83	131202	15.588	ug/L	99
37) 1,2-Dichloropropane	9.368	63	151489	26.876	ug/L	99
38) Bromodichloromethane	9.642	83	178166	25.852	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	194756	24.443	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	216740	62.039	ug/L	98
42) Toluene	10.386	91	514032	24.927	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	168519	25.048	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	103139	26.273	ug/L	94
46) Tetrachloroethene	10.861	164	74921	20.026	ug/L	93
48) 2-Hexanone	10.965	43	143109	57.729	ug/L	99
49) Dibromochloromethane	11.123	129	103009	25.102	ug/L	90
50) 1,2-Dibromoethane	11.233	107	90703	25.739	ug/L	96
51) Chlorobenzene	11.654	112	290378	21.684	ug/L	95
52) Ethylbenzene	11.727	91	520298	22.227	ug/L	99
53) m,p-Xylene	11.837	106	186572	21.820	ug/L	97
54) o-Xylene	12.160	106	184906	23.139	ug/L	94
55) Styrene	12.178	104	304548	21.858	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	114243	23.526	ug/L	100
59) Bromoform	12.349	173	55354	33.746	ug/L	100
60) Isopropylbenzene	12.458	105	447547	28.064	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	90800	34.783	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	308134	26.680	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	327654	26.368	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	159210	23.070	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	161946	22.056	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	144322	22.621	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	18593	30.521	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	68406	14.687	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	55395	14.672	ug/L	96
71) Naphthalene	15.360	128	143591	19.269	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	45135	13.120	ug/L	98

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

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