

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121624\
 Data File : VW031300.D
 Acq On : 17 Dec 2024 03:49
 Operator : SY/MD
 Sample : P5258-05MS
 Misc : 5.67g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E28X0MS

Quant Time: Dec 17 06:23:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 17 02:36:53 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024

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 Yesilyurt

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

Internal Standards						
1) 1,4-Difluorobenzene	8.819	114	1182072	25.000	ug/L	-0.02
28) Chlorobenzene-d5	11.623	117	855950	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	294761	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.345	65	285068	16.028	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.120%
7) Chloroethane-d5	2.838	69	47027	3.574	ug/L	-0.06
Spiked Amount	25.000	Range	30 - 150	Recovery	=	14.280%#
11) 1,1-Dichloroethene-d2	3.814	65	62008m	7.350	ug/L	-0.20
Spiked Amount	25.000	Range	45 - 110	Recovery	=	29.400%#
21) 2-Butanone-d5	7.167	46	108233m	32.313	ug/L	0.07
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.620%
24) Chloroform-d	7.618	84	525919	16.238	ug/L	-0.03
Spiked Amount	25.000	Range	40 - 150	Recovery	=	64.960%
26) 1,2-Dichloroethane-d4	8.289	65	284038	17.462	ug/L	-0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	69.840%#
32) Benzene-d6	8.234	84	1093038	19.924	ug/L	-0.04
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.680%
36) 1,2-Dichloropropane-d6	9.258	67	334686	20.932	ug/L	-0.01
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.720%
41) Toluene-d8	10.313	98	924730	18.119	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.480%
43) trans-1,3-Dichloroprop...	10.575	79	118334	16.051	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.200%
47) 2-Hexanone-d5	10.941	63	70104	32.603	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.200%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	145899	14.533	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	58.120%
66) 1,2-Dichlorobenzene-d4	13.849	152	177447	16.216	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	64.880%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.997	85	159139	14.896	ug/L	99
3) Chloromethane	2.210	50	219576	18.296	ug/L	99
5) Vinyl chloride	2.351	62	221036	13.290	ug/L	98
6) Bromomethane	2.759	94	55301	5.408	ug/L	98
8) Chloroethane	2.869	64	26142	2.643	ug/L	89
9) Trichlorofluoromethane	3.131	101	27541	1.554	ug/L	87
10) 1,1,2-Trichloro-1,2,2-...	3.832	101	105387m	7.366	ug/L	
12) 1,1-Dichloroethene	3.856	96	119428m	8.241	ug/L	
14) Carbon disulfide	4.167	76	399963	8.463	ug/L	100
15) Methyl Acetate	4.673	43	391994m	73.988	ug/L	
16) Methylene chloride	4.801	84	166365m	11.186	ug/L	
17) trans-1,2-Dichloroethene	5.289	96	176960m	11.329	ug/L	
18) Methyl tert-butyl Ether	5.435	73	212036	8.120	ug/L #	69
19) 1,1-Dichloroethane	6.124	63	334908	11.474	ug/L	99
20) cis-1,2-Dichloroethene	7.118	96	201819	11.942	ug/L	99
22) 2-Butanone	7.264	43	111629m	19.750	ug/L	
23) Bromochloromethane	7.466	128	87741	13.018	ug/L	96
25) Chloroform	7.648	83	408218	14.170	ug/L	97
27) 1,2-Dichloroethane	8.380	62	248172	13.703	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.892	56	253739	10.931	ug/L	98
30) 1,1,1-Trichloroethane	7.825	97	286177	12.935	ug/L	99
31) Carbon tetrachloride	8.020	117	263673	13.377	ug/L	100
33) Benzene	8.283	78	823874	15.575	ug/L	100
34) Trichloroethene	9.069	95	216407	14.491	ug/L	92
35) Methylcyclohexane	9.307	83	260655	10.023	ug/L	97
37) 1,2-Dichloropropane	9.355	63	201685	15.284	ug/L	100
38) Bromodichloromethane	9.636	83	244075	14.228	ug/L	96
39) cis-1,3-Dichloropropene	10.063	75	304200	13.642	ug/L	98
40) 4-Methyl-2-pentanone	10.227	43	178937	25.559	ug/L	96
42) Toluene	10.374	91	830305	14.418	ug/L	94
44) trans-1,3-Dichloropropene	10.599	75	237804	13.061	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	123061	14.021	ug/L	95
46) Tetrachloroethene	10.849	164	134014	12.251	ug/L	93
48) 2-Hexanone	10.983	43	120398	20.221	ug/L	99
49) Dibromochloromethane	11.123	129	130506	12.544	ug/L	91
50) 1,2-Dibromoethane	11.227	107	116421	14.002	ug/L	95
51) Chlorobenzene	11.648	112	466047	12.907	ug/L	98
52) Ethylbenzene	11.721	91	800436	11.992	ug/L	98
53) m,p-Xylene	11.831	106	315841	12.430	ug/L	100
54) o-Xylene	12.160	106	300604	12.553	ug/L	100
55) Styrene	12.172	104	470331	11.808	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.715	83	108650	11.483	ug/L	94
59) Bromoform	12.349	173	59638	14.402	ug/L	99
60) Isopropylbenzene	12.459	105	727038	15.072	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	89419	17.728	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	575817	14.080	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	556489	14.079	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	253511	12.972	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	249552	12.888	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	209749	12.456	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.477	75	16382	12.799	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	132646	9.691	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	96718	8.495	ug/L	97
71) Naphthalene	15.354	128	201309	10.085	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	77186	8.414	ug/L	99

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

