

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051624\
 Data File : VW028627.D
 Acq On : 16 May 2024 16:51
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025581

Quant Time: May 17 01:04:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 17 01:01:12 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024
 Supervised By :Mahesh Dadoda 05/17/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	290418	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	274473	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	137319	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	89574	16.242	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.960%
7) Chloroethane-d5	2.905	69	78315	18.546	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.200%
11) 1,1-Dichloroethene-d2	4.027	65	39640	17.204	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.800%
21) 2-Butanone-d5	7.075	46	58549	40.693	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.380%
24) Chloroform-d	7.654	84	197003	21.709	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.840%
26) 1,2-Dichloroethane-d4	8.307	65	113231	21.795	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.160%
32) Benzene-d6	8.276	84	370877	20.253	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	9.276	67	113821	20.655	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.640%
41) Toluene-d8	10.325	98	330937	20.406	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.640%
43) trans-1,3-Dichloroprop...	10.575	79	46706	21.069	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.280%
47) 2-Hexanone-d5	10.922	63	39711	41.783	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.560%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	98266	21.266	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.080%
66) 1,2-Dichlorobenzene-d4	13.848	152	107353	20.511	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	87513m	20.736	ug/L	
3) Chloromethane	2.228	50	107364	20.535	ug/L	97
5) Vinyl chloride	2.375	62	119688	20.333	ug/L	98
6) Bromomethane	2.789	94	74769	21.958	ug/L	99
8) Chloroethane	2.942	64	74434	22.173	ug/L	98
9) Trichlorofluoromethane	3.271	101	93360	19.318	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	87058	19.539	ug/L	95
12) 1,1-Dichloroethene	4.051	96	83003	20.767	ug/L	91
13) Acetone	4.124	43	44210	33.776	ug/L	97
14) Carbon disulfide	4.399	76	267629	19.812	ug/L	100
15) Methyl Acetate	4.673	43	49077	21.551	ug/L	99
16) Methylene chloride	4.923	84	100254	22.321	ug/L	98
17) trans-1,2-Dichloroethene	5.435	96	92436	22.214	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	149391	24.328	ug/L	99
19) 1,1-Dichloroethane	6.222	63	191919	23.258	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	103028	23.658	ug/L	96
22) 2-Butanone	7.167	43	62552	37.233	ug/L	99
23) Bromochloromethane	7.520	128	44870	23.620	ug/L	93
25) Chloroform	7.679	83	191777	24.029	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	140993	24.302	ug/L	99
29) Cyclohexane	7.959	56	156645	20.016	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	147417	21.433	ug/L	99
31) Carbon tetrachloride	8.075	117	131477	20.966	ug/L	98
33) Benzene	8.325	78	408262	22.938	ug/L	100
34) Trichloroethene	9.093	95	103292	21.646	ug/L	96
35) Methylcyclohexane	9.337	83	168657	20.224	ug/L	100
37) 1,2-Dichloropropane	9.367	63	107605	23.202	ug/L	100
38) Bromodichloromethane	9.648	83	136006	24.057	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	162530	24.450	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	138472	43.869	ug/L	100
42) Toluene	10.386	91	427039	23.230	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	134635	24.022	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	76675	22.822	ug/L	97
46) Tetrachloroethene	10.861	164	73486	21.374	ug/L	95
48) 2-Hexanone	10.965	43	97671	43.829	ug/L	100
49) Dibromochloromethane	11.129	129	81591	24.212	ug/L	97
50) 1,2-Dibromoethane	11.233	107	71221	22.630	ug/L #	97
51) Chlorobenzene	11.654	112	270445	23.783	ug/L	99
52) Ethylbenzene	11.727	91	484848	23.306	ug/L	93
53) m,p-Xylene	11.836	106	176163	23.101	ug/L	95
54) o-Xylene	12.166	106	171034	24.244	ug/L	96
55) Styrene	12.178	104	308574	25.814	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	94598	22.443	ug/L	100
59) Bromoform	12.349	173	43653	21.790	ug/L	99
60) Isopropylbenzene	12.458	105	471362	22.625	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	69455	20.929	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	349342	23.700	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	377144	23.747	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	202391	23.353	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	198202	22.369	ug/L	86
67) 1,2-Dichlorobenzene	13.867	146	184622	23.801	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	15108	19.471	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	131614	22.631	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	112142	23.865	ug/L	94
71) Naphthalene	15.360	128	230173	22.991	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	100635	23.733	ug/L	98

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

