

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051724\
 Data File : VD078966.D
 Acq On : 17 May 2024 17:26
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025247

Quant Time: May 18 01:06:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 18 00:53:45 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda

05/20/2024
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	141332	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	147052	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	81495	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.270	65	90399	26.092	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.360%
7) Chloroethane-d5	2.799	69	103402	27.880	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.520%
11) 1,1-Dichloroethene-d2	3.917	65	16473	24.374	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.480%
21) 2-Butanone-d5	6.987	46	28381	57.873	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.740%
24) Chloroform-d	7.569	84	109293	25.976	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.920%
26) 1,2-Dichloroethane-d4	8.228	65	53641	26.846	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	8.199	84	209047	27.861	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.440%
36) 1,2-Dichloropropane-d6	9.210	67	62602	27.382	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.520%
41) Toluene-d8	10.269	98	189262	27.365	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.440%
43) trans-1,3-Dichloroprop...	10.522	79	28380	26.948	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.800%
47) 2-Hexanone-d5	10.875	63	25020	54.605	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.220%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	71897	27.645	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.600%
66) 1,2-Dichlorobenzene-d4	13.810	152	72127	26.076	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.320%

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.934	85	61032	21.583	ug/L	99
3) Chloromethane	2.146	50	77026	22.199	ug/L	94
5) Vinyl chloride	2.281	62	123845	21.815	ug/L	99
6) Bromomethane	2.693	94	89266	21.988	ug/L	91
8) Chloroethane	2.834	64	98692	22.510	ug/L	95
9) Trichlorofluoromethane	3.175	101	118901	26.855	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	63564	22.648	ug/L	96
12) 1,1-Dichloroethene	3.934	96	52011	21.283	ug/L	94
13) Acetone	4.022	43	24406	41.199	ug/L	98
14) Carbon disulfide	4.269	76	136697	19.303	ug/L	99
15) Methyl Acetate	4.564	43	21841	22.692	ug/L	100
16) Methylene chloride	4.799	84	68499	20.461	ug/L	90
17) trans-1,2-Dichloroethene	5.311	96	55336	22.239	ug/L	94
18) Methyl tert-butyl Ether	5.316	73	130211	24.562	ug/L #	93
19) 1,1-Dichloroethane	6.105	63	99836	23.888	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	68384	24.095	ug/L	91
22) 2-Butanone	7.075	43	31588m	46.379	ug/L	
23) Bromochloromethane	7.422	128	33642	23.723	ug/L #	93
25) Chloroform	7.593	83	119520	23.793	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	68538	23.556	ug/L	98
29) Cyclohexane	7.875	56	65604	23.213	ug/L	96
30) 1,1,1-Trichloroethane	7.787	97	96048	23.608	ug/L	100
31) Carbon tetrachloride	7.993	117	88922	23.737	ug/L	95
33) Benzene	8.246	78	245463	24.352	ug/L	100
34) Trichloroethene	9.028	95	61978	23.867	ug/L	97
35) Methylcyclohexane	9.269	83	89294	22.872	ug/L	99
37) 1,2-Dichloropropane	9.304	63	63437	24.834	ug/L	100
38) Bromodichloromethane	9.581	83	90128	24.951	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	97097	24.230	ug/L	90
40) 4-Methyl-2-pentanone	10.157	43	65576	50.822	ug/L	97
42) Toluene	10.334	91	277981	25.084	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	89595	25.290	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	57426	24.584	ug/L	86
46) Tetrachloroethene	10.810	164	50143	22.442	ug/L	95
48) 2-Hexanone	10.916	43	49475	49.462	ug/L	97
49) Dibromochloromethane	11.075	129	65874	23.196	ug/L	97
50) 1,2-Dibromoethane	11.175	107	55292	25.059	ug/L #	92
51) Chlorobenzene	11.604	112	184518	23.568	ug/L	97
52) Ethylbenzene	11.681	91	291685	24.387	ug/L	97
53) m,p-Xylene	11.793	106	116010	24.245	ug/L	100
54) o-Xylene	12.122	106	112011	24.035	ug/L	98
55) Styrene	12.134	104	214996	26.106	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.669	83	69641	24.581	ug/L	96
59) Bromoform	12.298	173	44135	23.929	ug/L	98
60) Isopropylbenzene	12.422	105	296592	24.617	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	45224	24.209	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	222061	24.935	ug/L	97
63) 1,2,4-Trimethylbenzene	13.210	105	224699	24.830	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	140661	24.039	ug/L	93
65) 1,4-Dichlorobenzene	13.534	146	148379	23.520	ug/L	95
67) 1,2-Dichlorobenzene	13.828	146	133144	24.041	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	9083	23.342	ug/L	92
69) 1,3,5-Trichlorobenzene	14.592	180	90272	23.754	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	71760	22.305	ug/L	99
71) Naphthalene	15.328	128	148708	22.655	ug/L	98
72) 1,2,3-Trichlorobenzene	15.516	180	69040	22.959	ug/L	98

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

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