

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060324\
 Data File : VD079134.D
 Acq On : 03 Jun 2024 19:59
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025888

Quant Time: Jun 04 05:08:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 01 00:34:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/04/2024
 Supervised By :Semsettin Yesilyurt 06/04/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	187045	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	188597	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	101423	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	136756	23.759	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.040%		
7) Chloroethane-d5	2.793	69	132206	23.754	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.000%		
11) 1,1-Dichloroethene-d2	3.905	65	21223m	20.770	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	83.080%		
21) 2-Butanone-d5	6.987	46	24264	55.114	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	110.220%		
24) Chloroform-d	7.563	84	122310	23.387	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	93.560%		
26) 1,2-Dichloroethane-d4	8.228	65	59558	24.686	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	98.760%		
32) Benzene-d6	8.199	84	247802	23.702	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	94.800%		
36) 1,2-Dichloropropane-d6	9.210	67	68517	22.751	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	91.000%		
41) Toluene-d8	10.269	98	231502	23.648	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	94.600%		
43) trans-1,3-Dichloroprop...	10.522	79	31601	24.964	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	99.840%		
47) 2-Hexanone-d5	10.875	63	22586	58.011	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	116.020%		
56) 1,1,2,2-Tetrachloroeth...	12.645	84	70414	26.396	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	105.600%		
66) 1,2-Dichlorobenzene-d4	13.810	152	80811	23.087	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	67424	22.771	ug/L	99
3) Chloromethane	2.146	50	120903	30.636	ug/L	95
5) Vinyl chloride	2.275	62	172756	26.522	ug/L	99
6) Bromomethane	2.687	94	115546	22.978	ug/L	93
8) Chloroethane	2.828	64	125307	26.247	ug/L	97
9) Trichlorofluoromethane	3.164	101	115118	23.200	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	72244	24.280	ug/L	99
12) 1,1-Dichloroethene	3.928	96	61002	23.549	ug/L	92
13) Acetone	4.022	43	23798	37.338	ug/L	73
14) Carbon disulfide	4.264	76	213893	23.670	ug/L	98
15) Methyl Acetate	4.564	43	24856	28.622	ug/L	96
16) Methylene chloride	4.793	84	88909	26.677	ug/L	94
17) trans-1,2-Dichloroethene	5.305	96	71261	25.456	ug/L	98
18) Methyl tert-butyl Ether	5.316	73	141759	28.552	ug/L	98
19) 1,1-Dichloroethane	6.111	63	117799	26.136	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	79736	27.354	ug/L	94
22) 2-Butanone	7.087	43	34081	50.900	ug/L	96
23) Bromochloromethane	7.422	128	40084	27.123	ug/L	92
25) Chloroform	7.593	83	133992	26.184	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	80687	27.163	ug/L	97
29) Cyclohexane	7.881	56	86051	25.288	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	109736	24.576	ug/L	99
31) Carbon tetrachloride	7.987	117	99454	23.969	ug/L	100
33) Benzene	8.246	78	300492	26.751	ug/L	100
34) Trichloroethene	9.022	95	70354	24.318	ug/L	96
35) Methylcyclohexane	9.269	83	121920	25.433	ug/L	99
37) 1,2-Dichloropropane	9.304	63	73652	26.769	ug/L	98
38) Bromodichloromethane	9.581	83	101624	26.569	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	111679	26.002	ug/L	94
40) 4-Methyl-2-pentanone	10.157	43	70350	61.251	ug/L	96
42) Toluene	10.334	91	330771	26.519	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	99714	27.454	ug/L	94
45) 1,1,2-Trichloroethane	10.734	97	65668	27.205	ug/L	98
46) Tetrachloroethene	10.810	164	59052	23.181	ug/L	96
48) 2-Hexanone	10.922	43	51934	52.254	ug/L	96
49) Dibromochloromethane	11.075	129	76538	26.776	ug/L	93
50) 1,2-Dibromoethane	11.175	107	60891	27.449	ug/L	96
51) Chlorobenzene	11.604	112	213199	25.689	ug/L	97
52) Ethylbenzene	11.681	91	344465	26.476	ug/L	100
53) m,p-Xylene	11.793	106	138301	27.093	ug/L	93
54) o-Xylene	12.116	106	134221	27.216	ug/L	95
55) Styrene	12.134	104	249001	28.475	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.669	83	78310	28.983	ug/L	97
59) Bromoform	12.298	173	48316	25.992	ug/L	97
60) Isopropylbenzene	12.422	105	342772	25.559	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	50646	28.284	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	234343	25.557	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	255099	26.011	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	158086	24.538	ug/L	97
65) 1,4-Dichlorobenzene	13.534	146	170084	24.916	ug/L	95
67) 1,2-Dichlorobenzene	13.828	146	150632	25.292	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.445	75	10273	27.908	ug/L #	91
69) 1,3,5-Trichlorobenzene	14.592	180	95744	23.563	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	78106	23.145	ug/L	98
71) Naphthalene	15.328	128	169257	26.819	ug/L	98
72) 1,2,3-Trichlorobenzene	15.516	180	77301	26.503	ug/L	97

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

