

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061523\
 Data File : VD076451.D
 Acq On : 15 Jun 2023 21:37
 Operator : KP/SY
 Sample : 03236-08MSD
 Misc : 5.67G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 YBTY3MSD

Quant Time: Jun 16 02:02:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

06/16/2023

Supervised By :Mahesh
 Dadoda

06/16/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	191889	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	170571	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	74288	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	109821	23.501	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.000%		
7) Chloroethane-d5	2.793	69	85742	22.692	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.760%		
11) 1,1-Dichloroethene-d2	3.904	65	27192	22.292	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	89.160%		
21) 2-Butanone-d5	6.981	46	37237	52.615	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	105.240%		
24) Chloroform-d	7.563	84	115864	22.918	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.680%		
26) 1,2-Dichloroethane-d4	8.228	65	61832	24.792	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.160%		
32) Benzene-d6	8.198	84	241731	23.167	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	92.680%		
36) 1,2-Dichloropropane-d6	9.210	67	80562	24.189	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	96.760%		
41) Toluene-d8	10.269	98	218345	22.600	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	90.400%		
43) trans-1,3-Dichloroprop...	10.522	79	34498	24.903	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	99.600%		
47) 2-Hexanone-d5	10.875	63	28293	54.725	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	109.460%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	61444	25.931	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	103.720%		
66) 1,2-Dichlorobenzene-d4	13.816	152	62714	23.031	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	69229	23.153	ug/L	99
3) Chloromethane	2.146	50	125705	25.289	ug/L	99
5) Vinyl chloride	2.275	62	128857	24.030	ug/L	95
6) Bromomethane	2.687	94	59054	19.883	ug/L	99
8) Chloroethane	2.828	64	78995	24.050	ug/L	100
9) Trichlorofluoromethane	3.163	101	89369	23.050	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.951	101	56987	22.659	ug/L	100
12) 1,1-Dichloroethene	3.934	96	56032	22.499	ug/L	86
13) Acetone	4.022	43	29981	52.449	ug/L	98
14) Carbon disulfide	4.263	76	194581	21.554	ug/L	98
15) Methyl Acetate	4.551	43	36640m	28.079	ug/L	
16) Methylene chloride	4.793	84	78080	23.411	ug/L	95
17) trans-1,2-Dichloroethene	5.304	96	61644	22.202	ug/L	99
18) Methyl tert-butyl Ether	5.310	73	160846	25.446	ug/L #	97
19) 1,1-Dichloroethane	6.104	63	120995	23.836	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	72783	23.472	ug/L	90
22) 2-Butanone	7.075	43	47348	51.327	ug/L	79
23) Bromochloromethane	7.428	128	32139	24.421	ug/L	91
25) Chloroform	7.592	83	117624	23.743	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	77627	25.480	ug/L #	92
29) Cyclohexane	7.869	56	100094	22.067	ug/L	96
30) 1,1,1-Trichloroethane	7.798	97	91736	23.151	ug/L	99
31) Carbon tetrachloride	7.986	117	72559	22.896	ug/L	99
33) Benzene	8.245	78	266276	23.587	ug/L	100
34) Trichloroethene	9.028	95	88776	30.613	ug/L	95
35) Methylcyclohexane	9.269	83	99260	21.226	ug/L	99
37) 1,2-Dichloropropane	9.304	63	73642	23.927	ug/L	99
38) Bromodichloromethane	9.581	83	86134	24.537	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	115393	24.553	ug/L	92
40) 4-Methyl-2-pentanone	10.157	43	104341	54.496	ug/L	98
42) Toluene	10.333	91	275780	22.860	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	92427	24.195	ug/L	98
45) 1,1,2-Trichloroethane	10.733	97	54564	25.846	ug/L	98
46) Tetrachloroethene	10.810	164	53005	23.250	ug/L	94
48) 2-Hexanone	10.922	43	73722	56.220	ug/L	99
49) Dibromochloromethane	11.075	129	60200	25.092	ug/L	96
50) 1,2-Dibromoethane	11.180	107	52366	25.557	ug/L #	84
51) Chlorobenzene	11.604	112	171834	22.814	ug/L	99
52) Ethylbenzene	11.680	91	291559	22.422	ug/L	97
53) m,p-Xylene	11.792	106	111388	21.798	ug/L	99
54) o-Xylene	12.122	106	110993	22.812	ug/L	97
55) Styrene	12.133	104	190128	22.618	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.674	83	64168	26.596	ug/L	97
59) Bromoform	12.298	173	37029	27.844	ug/L #	95
60) Isopropylbenzene	12.422	105	274875	24.191	ug/L	98
61) 1,2,3-Trichloropropane	12.727	75	42513	29.488	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	219336	24.127	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	214666	23.929	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	116078	22.963	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	114951	22.559	ug/L	99
67) 1,2-Dichlorobenzene	13.833	146	106547	23.660	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.445	75	9411	29.291	ug/L	98
69) 1,3,5-Trichlorobenzene	14.592	180	68170	20.218	ug/L	96
70) 1,2,4-trichlorobenzene	15.098	180	53839	17.946	ug/L	99
71) Naphthalene	15.333	128	137933	24.014	ug/L	99
72) 1,2,3-Trichlorobenzene	15.521	180	48545	18.633	ug/L	95

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

