

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062724\
 Data File : VD079275.D
 Acq On : 27 Jun 2024 15:31
 Operator : RP/MD
 Sample : VSTDICV025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VICV836

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/05/2024
 Supervised By :Semsettin Yesilyurt 07/05/2024

Quant Time: Jun 28 06:52:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM062724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 28 06:29:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	204161	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	197040	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	101281	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	147384	25.284	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.120%			
7) Chloroethane-d5	2.793	69	123922	24.113	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.440%			
11) 1,1-Dichloroethene-d2	3.911	65	28874	25.190	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 100.760%			
21) 2-Butanone-d5	6.987	46	31475	46.113	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.220%			
24) Chloroform-d	7.563	84	146356	23.332	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.320%			
26) 1,2-Dichloroethane-d4	8.228	65	69437	23.105	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.400%			
32) Benzene-d6	8.199	84	299866	25.187	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.760%			
36) 1,2-Dichloropropane-d6	9.210	67	88036	24.636	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.560%			
41) Toluene-d8	10.269	98	280994	26.076	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.320%			
43) trans-1,3-Dichloroprop...	10.522	79	36979	23.723	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.880%			
47) 2-Hexanone-d5	10.875	63	29064	49.800	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.600%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	86179	24.670	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.680%			
66) 1,2-Dichlorobenzene-d4	13.810	152	89637	22.806	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	82828	23.486	ug/L	99
3) Chloromethane	2.146	50	111103	22.453	ug/L	99
5) Vinyl chloride	2.275	62	151350	23.101	ug/L	97
6) Bromomethane	2.687	94	96270	21.523	ug/L	98
8) Chloroethane	2.828	64	97595	22.332	ug/L	98
9) Trichlorofluoromethane	3.169	101	113972	23.384	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	72349	23.224	ug/L	95
12) 1,1-Dichloroethene	3.940	96	63231	22.391	ug/L	97
13) Acetone	4.022	43	34023	65.194	ug/L	99
14) Carbon disulfide	4.264	76	234633	22.981	ug/L	100
15) Methyl Acetate	4.564	43	25436m	20.553	ug/L	
16) Methylene chloride	4.793	84	96857	18.997	ug/L	97
17) trans-1,2-Dichloroethene	5.305	96	69787	22.302	ug/L	93
18) Methyl tert-butyl Ether	5.322	73	133253	20.642	ug/L	99
19) 1,1-Dichloroethane	6.110	63	114009	21.627	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	76757	21.887	ug/L	96
22) 2-Butanone	7.075	43	38774	50.111	ug/L	98
23) Bromochloromethane	7.422	128	36975	21.077	ug/L	95
25) Chloroform	7.593	83	125288	21.107	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	71950	21.268	ug/L	98
29) Cyclohexane	7.875	56	89023	25.647	ug/L	95
30) 1,1,1-Trichloroethane	7.793	97	105004	24.614	ug/L	99
31) Carbon tetrachloride	7.993	117	95648	24.839	ug/L	100
33) Benzene	8.246	78	290661	23.610	ug/L	100
34) Trichloroethene	9.028	95	70401	23.397	ug/L	92
35) Methylcyclohexane	9.275	83	121098	26.104	ug/L	99
37) 1,2-Dichloropropane	9.304	63	74296	23.097	ug/L	99
38) Bromodichloromethane	9.581	83	91768	22.273	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	110453	23.399	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	70986	46.554	ug/L	97
42) Toluene	10.328	91	321431	24.536	ug/L	97
44) trans-1,3-Dichloropropene	10.551	75	94574	22.931	ug/L	92
45) 1,1,2-Trichloroethane	10.734	97	61871	22.384	ug/L	97
46) Tetrachloroethene	10.804	164	59063	24.651	ug/L	92
48) 2-Hexanone	10.922	43	59691	53.627	ug/L	98
49) Dibromochloromethane	11.075	129	66533	22.289	ug/L	96
50) 1,2-Dibromoethane	11.175	107	57367	22.062	ug/L	95
51) Chlorobenzene	11.604	112	201638	22.713	ug/L	96
52) Ethylbenzene	11.681	91	332432	24.587	ug/L	100
53) m,p-Xylene	11.793	106	135620	25.432	ug/L	96
54) o-Xylene	12.122	106	123786	23.096	ug/L	91
55) Styrene	12.134	104	231362	24.136	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.669	83	74240	22.026	ug/L #	96
59) Bromoform	12.298	173	43919	22.097	ug/L	99
60) Isopropylbenzene	12.422	105	327545	24.780	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	46073	21.446	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	225233	23.947	ug/L	97
63) 1,2,4-Trimethylbenzene	13.210	105	241368	23.570	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	152738	23.014	ug/L	95
65) 1,4-Dichlorobenzene	13.534	146	161167	23.030	ug/L	100
67) 1,2-Dichlorobenzene	13.828	146	142363	22.206	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.445	75	9796	22.087	ug/L	96
69) 1,3,5-Trichlorobenzene	14.592	180	94774	22.880	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	76300	22.215	ug/L	99
71) Naphthalene	15.328	128	160094	21.473	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	73581	22.535	ug/L	99

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

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