

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040924\
 Data File : VY017886.D
 Acq On : 09 Apr 2024 11:49
 Operator : SY/MD
 Sample : VY0409SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/10/2024
 Supervised By :Semsettin Yesilyurt 04/10/2024

Quant Time: Apr 10 04:24:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	149144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	239225	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	207711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	66616	51.616	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.240%			
35) Dibromofluoromethane	7.716	113	69613	50.359	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.720%			
50) Toluene-d8	10.178	98	262900	50.913	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.820%			
62) 4-Bromofluorobenzene	12.483	95	77558	49.367	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	22570	22.628	ug/l	96
3) Chloromethane	2.113	50	38244	19.645	ug/l	95
4) Vinyl Chloride	2.247	62	64381	25.306	ug/l	98
5) Bromomethane	2.643	94	59287	28.821	ug/l	97
6) Chloroethane	2.790	64	48105	28.980	ug/l	98
7) Trichlorofluoromethane	3.119	101	54259	21.870	ug/l	97
8) Diethyl Ether	3.521	74	14471	19.856	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.887	101	31058	20.874	ug/l	98
10) Methyl Iodide	4.082	142	29334	18.129	ug/l	99
11) Tert butyl alcohol	4.942	59	10715	96.481	ug/l #	82
12) 1,1-Dichloroethene	3.863	96	26732	19.200	ug/l	93
13) Acrolein	3.722	56	9021	99.768	ug/l	98
14) Allyl chloride	4.472	41	29338	17.176	ug/l #	85
15) Acrylonitrile	5.155	53	29428	95.659	ug/l	98
16) Acetone	3.942	43	24168	90.593	ug/l	93
17) Carbon Disulfide	4.186	76	49340	12.522	ug/l	99
18) Methyl Acetate	4.466	43	11203	18.959	ug/l	91
19) Methyl tert-butyl Ether	5.210	73	67837	21.279	ug/l	99
20) Methylene Chloride	4.710	84	35708	20.264	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	27835	18.682	ug/l	96
22) Diisopropyl ether	6.112	45	79277	20.080	ug/l #	88
23) Vinyl Acetate	6.051	43	227730	94.475	ug/l	99
24) 1,1-Dichloroethane	6.008	63	54496	20.797	ug/l	96
25) 2-Butanone	6.984	43	35190	92.595	ug/l	98
26) 2,2-Dichloropropane	6.978	77	49030	21.663	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	35882	20.378	ug/l	98
28) Bromochloromethane	7.331	49	20940	19.651	ug/l	93
29) Tetrahydrofuran	7.344	42	20822	91.310	ug/l	95
30) Chloroform	7.502	83	60692	22.323	ug/l	97
31) Cyclohexane	7.783	56	37165	16.347	ug/l	90
32) 1,1,1-Trichloroethane	7.697	97	51420	22.221	ug/l	98
36) 1,1-Dichloropropene	7.911	75	38422	19.050	ug/l	99
37) Ethyl Acetate	7.075	43	15971	18.349	ug/l	98
38) Carbon Tetrachloride	7.898	117	43526	20.788	ug/l	97
39) Methylcyclohexane	9.179	83	41814	16.597	ug/l	95
40) Benzene	8.154	78	122432	19.697	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.331	41	11161m	24.740	ug/l	
42) 1,2-Dichloroethane	8.234	62	32346	21.142	ug/l	98
43) Isopropyl Acetate	8.270	43	30263	19.159	ug/l	98
44) Trichloroethene	8.941	130	31839	19.688	ug/l	97
45) 1,2-Dichloropropane	9.215	63	28728	19.890	ug/l	99
46) Dibromomethane	9.301	93	16941	20.645	ug/l	97
47) Bromodichloromethane	9.496	83	44945	21.676	ug/l	99
48) Methyl methacrylate	9.294	41	12750	20.974	ug/l #	86
49) 1,4-Dioxane	9.294	88	3825	415.216	ug/l #	93
51) 4-Methyl-2-Pentanone	10.069	43	80752	111.493	ug/l	100
52) Toluene	10.246	92	75470	20.017	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	37899	20.586	ug/l	94
54) cis-1,3-Dichloropropene	9.929	75	45271	20.148	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	23456	21.452	ug/l	96
56) Ethyl methacrylate	10.508	69	27434	22.631	ug/l #	93
57) 1,3-Dichloropropane	10.788	76	38410	20.770	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	67545	107.652	ug/l	100
59) 2-Hexanone	10.831	43	55722	110.574	ug/l	97
60) Dibromochloromethane	10.983	129	29164	21.147	ug/l	100
61) 1,2-Dibromoethane	11.087	107	20653	20.714	ug/l	100
64) Tetrachloroethene	10.721	164	36558	20.179	ug/l	94
65) Chlorobenzene	11.520	112	87688	20.580	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	30662	21.194	ug/l	98
67) Ethyl Benzene	11.593	91	149023	20.345	ug/l	99
68) m/p-Xylenes	11.703	106	112690	40.567	ug/l	98
69) o-Xylene	12.026	106	54055	25.095	ug/l	99
70) Styrene	12.044	104	90482	24.594	ug/l	99
71) Bromoform	12.209	173	15946	19.884	ug/l #	100
73) Isopropylbenzene	12.331	105	144941	21.822	ug/l	99
74) N-amyl acetate	12.142	43	26377	23.182	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	24012	20.899	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	17911m	20.739	ug/l	
77) Bromobenzene	12.605	156	33594	21.237	ug/l	99
78) n-propylbenzene	12.672	91	175768	21.688	ug/l	100
79) 2-Chlorotoluene	12.757	91	92488	20.834	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	113984	21.990	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	7767	22.894	ug/l	93
82) 4-Chlorotoluene	12.855	91	96882	21.076	ug/l	99
83) tert-Butylbenzene	13.074	119	104366	22.146	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	111232	21.546	ug/l	100
85) sec-Butylbenzene	13.251	105	162000	22.903	ug/l	99
86) p-Isopropyltoluene	13.367	119	131034	22.163	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	66003	21.028	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	66474	22.126	ug/l	100
89) n-Butylbenzene	13.696	91	125058	22.990	ug/l	99
90) Hexachloroethane	13.958	117	26411	22.465	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	57265	22.009	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3118	20.083	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	33032	23.179	ug/l	99
94) Hexachlorobutadiene	15.111	225	19565	22.647	ug/l	97
95) Naphthalene	15.232	128	58422	27.829	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	27968	23.233	ug/l	99

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

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