

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015105.D
 Acq On : 15 Aug 2023 15:53
 Operator : SY/MD
 Sample : VY0815SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0815SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023

Quant Time: Aug 16 02:05:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	189411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	310217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	282082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	145419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	99302	43.674	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.340%		
35) Dibromofluoromethane	7.716	113	87003	43.595	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.180%		
50) Toluene-d8	10.179	98	319699	43.032	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	86.060%		
62) 4-Bromofluorobenzene	12.477	95	117152	43.173	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	86.340%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	19779	21.520	ug/l	96
3) Chloromethane	2.113	50	22723	17.615	ug/l	96
4) Vinyl Chloride	2.247	62	29674	19.688	ug/l	99
5) Bromomethane	2.619	94	23404	20.064	ug/l	95
6) Chloroethane	2.777	64	21850	19.968	ug/l	98
7) Trichlorofluoromethane	3.113	101	51175	20.150	ug/l	100
8) Diethyl Ether	3.521	74	19721	19.800	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.887	101	30539	19.348	ug/l	98
10) Methyl Iodide	4.082	142	26416	17.044	ug/l	99
11) Tert butyl alcohol	4.954	59	46700	116.074	ug/l #	88
12) 1,1-Dichloroethene	3.863	96	25006	18.973	ug/l	88
13) Acrolein	3.722	56	25345	155.418	ug/l	98
14) Allyl chloride	4.472	41	42813	18.321	ug/l	97
15) Acrylonitrile	5.155	53	68456	101.419	ug/l	99
16) Acetone	3.942	43	73161	98.496	ug/l	90
17) Carbon Disulfide	4.186	76	39253	16.923	ug/l	98
18) Methyl Acetate	4.472	43	54062	19.861	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	112458	20.067	ug/l	99
20) Methylene Chloride	4.704	84	55445	29.348	ug/l	89
21) trans-1,2-Dichloroethene	5.204	96	27655	18.602	ug/l	93
22) Diisopropyl ether	6.112	45	109970	18.860	ug/l	93
23) Vinyl Acetate	6.051	43	320335	92.071	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	60595	19.195	ug/l	96
25) 2-Butanone	6.978	43	106944	101.687	ug/l	95
26) 2,2-Dichloropropane	6.972	77	58899	19.355	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	40189	19.789	ug/l	95
28) Bromochloromethane	7.325	49	29378	20.256	ug/l	88
29) Tetrahydrofuran	7.344	42	61578	97.920	ug/l	90
30) Chloroform	7.502	83	69838	19.735	ug/l	97
31) Cyclohexane	7.777	56	41490	18.838	ug/l #	84
32) 1,1,1-Trichloroethane	7.697	97	58876	19.551	ug/l	99
36) 1,1-Dichloropropene	7.911	75	40924	18.535	ug/l	97
37) Ethyl Acetate	7.069	43	40793	19.821	ug/l	96
38) Carbon Tetrachloride	7.898	117	50214	19.217	ug/l	99
39) Methylcyclohexane	9.179	83	46937	18.963	ug/l	91
40) Benzene	8.155	78	129735	19.435	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	22672	21.364	ug/l	88
42) 1,2-Dichloroethane	8.234	62	49118	20.261	ug/l	95
43) Isopropyl Acetate	8.270	43	72835	19.434	ug/l	98
44) Trichloroethene	8.935	130	38790	20.170	ug/l	98
45) 1,2-Dichloropropane	9.209	63	36830	19.566	ug/l	99
46) Dibromomethane	9.301	93	24616	20.735	ug/l	97
47) Bromodichloromethane	9.496	83	55895	19.730	ug/l	99
48) Methyl methacrylate	9.288	41	32316	20.157	ug/l	93
49) 1,4-Dioxane	9.301	88	10018	421.989	ug/l #	67
51) 4-Methyl-2-Pentanone	10.069	43	216436	99.644	ug/l	95
52) Toluene	10.240	92	85928	19.530	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	56648	19.027	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	59979	19.129	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	36596	20.273	ug/l	96
56) Ethyl methacrylate	10.508	69	51461	19.479	ug/l	92
57) 1,3-Dichloropropane	10.788	76	59856	20.296	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	130655	106.271	ug/l	91
59) 2-Hexanone	10.831	43	157152	97.757	ug/l	92
60) Dibromochloromethane	10.983	129	43243	20.082	ug/l	99
61) 1,2-Dibromoethane	11.087	107	34734	20.255	ug/l	99
64) Tetrachloroethene	10.715	164	42387	21.568	ug/l	97
65) Chlorobenzene	11.514	112	102276	19.900	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	40932	19.628	ug/l	98
67) Ethyl Benzene	11.593	91	173646	19.283	ug/l	97
68) m/p-Xylenes	11.703	106	132053	38.611	ug/l	96
69) o-Xylene	12.026	106	66041	19.383	ug/l	99
70) Styrene	12.044	104	116028	19.676	ug/l	97
71) Bromoform	12.209	173	29819	19.725	ug/l #	99
73) Isopropylbenzene	12.331	105	178209	19.058	ug/l	99
74) N-amyl acetate	12.142	43	63867	18.917	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	46604	19.136	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	34577m	19.571	ug/l	
77) Bromobenzene	12.605	156	45561	19.989	ug/l	98
78) n-propylbenzene	12.666	91	211407	19.039	ug/l	99
79) 2-Chlorotoluene	12.751	91	121463	18.962	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	151829	19.479	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	15192	18.887	ug/l	100
82) 4-Chlorotoluene	12.849	91	128693	19.446	ug/l	99
83) tert-Butylbenzene	13.074	119	135802	19.048	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	152327	19.557	ug/l	99
85) sec-Butylbenzene	13.251	105	200534	19.197	ug/l	99
86) p-Isopropyltoluene	13.367	119	167055	19.288	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	89203	19.731	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	90074	19.864	ug/l	98
89) n-Butylbenzene	13.696	91	156718	19.191	ug/l	97
90) Hexachloroethane	13.958	117	32573	18.958	ug/l	94
91) 1,2-Dichlorobenzene	13.733	146	84648	20.043	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9506	20.149	ug/l	90
93) 1,2,4-Trichlorobenzene	15.001	180	54865	20.235	ug/l	99
94) Hexachlorobutadiene	15.111	225	29618	20.082	ug/l	99
95) Naphthalene	15.233	128	135758	20.100	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	49367	20.161	ug/l	99

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

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