

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070522\
 Data File : VW026656.D
 Acq On : 05 Jul 2022 20:21
 Operator : SY/MD
 Sample : N3577-04MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YB324MSD

Quant Time: Jul 06 00:31:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 06 00:22:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

07/06/2022
 Supervised By :Mahesh
 Dadoda

07/06/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	204540	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	188461	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	97960	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.317	65	74344	4.520	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.577	69	58721	4.444	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.121	63	132423	4.531	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	3.925	46	71193	43.533	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.060%
24) Chloroform-d	4.365	84	117976	4.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.047	65	41341	3.992	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
32) Benzene-d6	5.060	84	236667	4.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.079	67	63045	4.235	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.320	98	220283	4.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	7.629	79	16285	4.232	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.095	63	51528	35.159	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.320%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38680	3.972	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	63609	3.924	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.400%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.143	85	72913	4.681	ug/L	98
3) Chloromethane	1.253	50	77616	4.557	ug/L	99
5) Vinyl chloride	1.320	62	83007	4.577	ug/L	98
6) Bromomethane	1.532	94	45661	4.651	ug/L	96
8) Chloroethane	1.597	64	63264	5.129	ug/L	97
9) Trichlorofluoromethane	1.764	101	122585	4.847	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	73051	4.875	ug/L	99
12) 1,1-Dichloroethene	2.127	96	67292	4.871	ug/L	94
13) Acetone	2.211	43	53587	51.650	ug/L	97
14) Carbon disulfide	2.304	76	161772	4.439	ug/L	99
15) Methyl Acetate	2.462	43	16419m	5.488	ug/L	
16) Methylene chloride	2.519	84	63741	4.346	ug/L	96
17) Methyl tert-butyl Ether	2.790	73	98988	4.396	ug/L	94
18) trans-1,2-Dichloroethene	2.773	96	66699	4.732	ug/L	98
19) 1,1-Dichloroethane	3.204	63	123506	4.880	ug/L	99
21) 2-Butanone	4.005	43	80727	51.722	ug/L	93
22) cis-1,2-Dichloroethene	3.928	96	81465	5.821	ug/L	96
23) Bromochloromethane	4.265	128	27651	4.797	ug/L	95
25) Chloroform	4.388	83	138633	5.120	ug/L	99

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27) 1,2-Dichloroethane	5.143	62	54912	4.557	ug/L	100
29) 1,1,1-Trichloroethane	4.619	97	119480	5.152	ug/L	99
30) Cyclohexane	4.687	56	81046	4.414	ug/L	100
31) Carbon tetrachloride	4.838	117	106019	5.450	ug/L	100
33) Benzene	5.108	78	274880	4.995	ug/L	100
34) Trichloroethene	5.918	95	161732	11.180	ug/L	99
35) Methylcyclohexane	6.137	83	96494	4.509	ug/L	99
37) 1,2-Dichloropropane	6.182	63	65182	4.915	ug/L	99
38) Bromodichloromethane	6.516	83	77053	4.921	ug/L	96
39) cis-1,3-Dichloropropene	7.034	75	63683	4.777	ug/L	98
40) 4-Methyl-2-pentanone	7.233	43	207051	46.218	ug/L	98
42) Toluene	7.391	91	296249	5.215	ug/L	98
44) trans-1,3-Dichloropropene	7.657	75	49847	5.027	ug/L	97
45) 1,1,2-Trichloroethane	7.844	97	40885	4.889	ug/L	99
47) Tetrachloroethene	7.979	164	71574	6.214	ug/L	98
48) 2-Hexanone	8.143	43	146843	47.089	ug/L	97
49) Dibromochloromethane	8.249	129	43973	5.192	ug/L	100
50) 1,2-Dibromoethane	8.355	107	34062	4.580	ug/L #	98
51) Chlorobenzene	8.883	112	183183	4.923	ug/L	98
52) Ethylbenzene	9.014	91	286055	4.869	ug/L	100
53) m,p-Xylene	9.140	106	115698	5.048	ug/L	99
54) o-Xylene	9.545	106	107962	5.019	ug/L	96
55) Styrene	9.561	104	179733	5.044	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	43716	4.681	ug/L	100
59) Bromoform	9.731	173	18317	5.074	ug/L	95
60) Isopropylbenzene	9.931	105	294803	4.880	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	28564	4.503	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	223521	4.680	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	219495	4.661	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	142616	4.853	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	139484	4.780	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	120786	4.831	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	4828	4.244	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	99847	4.725	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	67848	4.547	ug/L	99
71) Naphthalene	13.503	128	79216	4.070	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	53221	4.358	ug/L	100

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

