Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021924\
Data File : VV034254.D
Acq On : 19 Feb 2024 19:35
Operator : SY/MD
Sample : P1503-05MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCNB1MSD

Quant Time: Feb 20 03:31:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Feb 20 01:47:35 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	70817	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	65763	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	33767	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	22180	4.044	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.800%			
7) Chloroethane-d5	1.529	69	19730	4.107	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.200%			
11) 1,1-Dichloroethene-d2	2.060	65	10687	4.040	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.800%			
20) 2-Butanone-d5	3.793	46	42285	45.906	ug/L	-0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.820%			
24) Chloroform-d	4.249	84	45614	4.577	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.600%			
26) 1,2-Dichloroethane-d4	4.947	65	22281	4.784	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.600%			
32) Benzene-d6	4.960	84	82058	4.159	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.200%			
36) 1,2-Dichloropropane-d6	5.992	67	22202	4.026	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 80.600%			
41) Toluene-d8	7.243	98	76386	4.212	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.200%			
43) trans-1,3-Dichloroprop...	7.558	79	8494	4.079	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.600%			
46) 2-Hexanone-d5	8.027	63	33517	45.084	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.160%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	15576	4.658	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.200%			
66) 1,2-Dichlorobenzene-d4	11.561	152	28569	4.652	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	24564	3.785	ug/L	98
3) Chloromethane	1.217	50	29431	4.158	ug/L	97
5) Vinyl chloride	1.285	62	29486	4.359	ug/L	92
6) Bromomethane	1.487	94	14271	4.006	ug/L	96
8) Chloroethane	1.548	64	19998	4.334	ug/L	92
9) Trichlorofluoromethane	1.712	101	53062	5.443	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	26333	5.168	ug/L	98
12) 1,1-Dichloroethene	2.069	96	25273	5.109	ug/L	98
13) Acetone	2.117	43	35943	51.435	ug/L #	37
14) Carbon disulfide	2.240	76	74511	4.655	ug/L	98
15) Methyl Acetate	2.381	43	7135	4.314	ug/L	97
16) Methylene chloride	2.449	84	24293	5.118	ug/L	94
17) Methyl tert-butyl Ether	2.706	73	54529	5.365	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	24318	4.826	ug/L	99
19) 1,1-Dichloroethane	3.114	63	45114	4.872	ug/L	95
21) 2-Butanone	3.876	43	46602	50.464	ug/L #	58
22) cis-1,2-Dichloroethene	3.818	96	26138	4.572	ug/L	97
23) Bromochloromethane	4.153	128	10212	5.138	ug/L	90
25) Chloroform	4.278	83	48187	5.148	ug/L	95

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Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	29872	5.574	ug/L	100
29) 1,1,1-Trichloroethane	4.516	97	46264	5.240	ug/L	100
30) Cyclohexane	4.580	56	37333	4.348	ug/L	96
31) Carbon tetrachloride	4.735	117	41535	5.376	ug/L	99
33) Benzene	5.011	78	96174	4.876	ug/L	100
34) Trichloroethene	5.834	95	25111	4.399	ug/L	96
35) Methylcyclohexane	6.050	83	39888	4.452	ug/L	96
37) 1,2-Dichloropropane	6.095	63	22547	4.719	ug/L	99
38) Bromodichloromethane	6.436	83	31578	5.035	ug/L	96
39) cis-1,3-Dichloropropene	6.956	75	32293	4.442	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	116724	51.017	ug/L	99
42) Toluene	7.317	91	105124	4.987	ug/L	97
44) trans-1,3-Dichloropropene	7.583	75	25630	4.592	ug/L	95
45) 1,1,2-Trichloroethane	7.770	97	14664	4.970	ug/L	97
47) Tetrachloroethene	7.905	164	21235	4.578	ug/L	95
48) 2-Hexanone	8.075	43	79725	49.434	ug/L	99
49) Dibromochloromethane	8.175	129	18771	5.354	ug/L	94
50) 1,2-Dibromoethane	8.284	107	13205	4.987	ug/L	94
51) Chlorobenzene	8.815	112	66475	4.987	ug/L	98
52) Ethylbenzene	8.947	91	120336	4.959	ug/L	100
53) m,p-Xylene	9.072	106	45771	4.992	ug/L	98
54) o-Xylene	9.477	106	44532	5.036	ug/L	98
55) Styrene	9.497	104	70646	4.990	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	16383	5.261	ug/L	99
59) Bromoform	9.667	173	9122	4.904	ug/L	99
60) Isopropylbenzene	9.866	105	115526	4.624	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	11924	5.137	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	102720	4.863	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	101631	4.952	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	54378	4.991	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	52611	4.877	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	48276	5.160	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.368	75	2517	5.174	ug/L	96
69) 1,3,5-Trichlorobenzene	12.583	180	41683	4.944	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	34085	5.179	ug/L	98
71) Naphthalene	13.442	128	48557	5.630	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	29569	5.607	ug/L	100

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

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