Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030322\
Data File : BP009253.D
Acq On : 03 Mar 2022 10:23
Operator : CG/JU
Sample : N1331-01
Misc : SFAM-MDL-WATER01
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT1-2022-01

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/03/2022
Supervised By :mohammad ahmed 03/07/2022

Quant Time: Mar 03 10:53:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030222.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 02 18:15:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	340880	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.616	136	1376969	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.463	164	844410	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.222	188	1699061	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.327	240	1718674	20.000	ng/ul	-0.01
88) Perylene-d12	23.739	264	1771885	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	45297	5.341	ng/uL	0.00
4) Pyridine-d5	3.722	84	501025	23.676	ng/ul	0.00
7) Phenol-d5	6.987	99	673772	24.400	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	413421	24.947	ng/ul	0.00
11) 2-Chlorophenol-d4	7.357	132	541336	25.074	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	523104	24.782	ng/ul	0.00
21) Nitrobenzene-d5	8.975	128	218588	27.220	ng/ul	0.00
24) 2-Nitrophenol-d4	9.698	143	211723	27.817	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	498604	24.586	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.751	131	725839	25.311	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	1504315	25.420	ng/ul	-0.01
49) Acenaphthylene-d8	14.151	160	1915169	24.493	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.645	143	204326	21.802	ng/ul	-0.01
60) Fluorene-d10	15.457	176	1313611	25.511	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.569	200	137898	19.996	ng/ul	-0.01
73) Anthracene-d10	17.322	188	2012837	25.207	ng/ul	-0.01
81) Pyrene-d10	19.563	212	2307011	24.420	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.580	264	2233541	24.923	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	9496	1.120	ng/uL#	65
5) Pyridine	3.740	79	93503	4.164	ng/ul#	26
6) Benzaldehyde	6.963	77	79191m	4.874	ng/ul	
8) Phenol	7.010	94	122634	4.412	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.252	93	96558m	4.352	ng/ul	
12) 2-Chlorophenol	7.387	128	97940	4.483	ng/ul	93
13) 2-Methylphenol	8.263	108	83794	4.041	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.363	45	121229	4.544	ng/ul#	91
16) Acetophenone	8.640	105	147172	4.564	ng/ul#	86
17) N-Nitroso-di-n-propyla...	8.634	70	68120	4.239	ng/ul#	82
18) 4-Methylphenol	8.587	108	95454	4.379	ng/ul	95
19) Hexachloroethane	8.904	117	39772	4.458	ng/ul#	76
22) Nitrobenzene	9.016	77	98356	4.703	ng/ul#	85
23) Isophorone	9.546	82	187804	4.062	ng/ul#	93
25) 2-Nitrophenol	9.728	139	43979	4.938	ng/ul#	75
26) 2,4-Dimethylphenol	9.793	107	103215m	4.293	ng/ul	
27) Bis(2-Chloroethoxy)met...	10.034	93	124227	4.394	ng/ul#	97
29) 2,4-Dichlorophenol	10.263	162	91400	4.577	ng/ul#	77
30) Naphthalene	10.669	128	320706	4.584	ng/ul#	95
32) 4-Chloroaniline	10.775	127	129942	4.579	ng/ul	98
33) Hexachlorobutadiene	10.969	225	63933	4.418	ng/ul	96
34) Caprolactam	11.545	113	26046	4.520	ng/ul#	40
35) 4-Chloro-3-methylphenol	11.898	107	84292m	4.170	ng/ul	
36) 2-Methylnaphthalene	12.281	142	214960	4.585	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.498	142	198425	4.233	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.651	216	119895	4.465	ng/ul	98
40) Hexachlorocyclopentadiene	12.639	237	60895	3.610	ng/ul	98
41) 2,4,6-Trichlorophenol	12.892	196	60449	3.887	ng/ul	86
42) 2,4,5-Trichlorophenol	12.957	196	64986	3.950	ng/ul#	86
43) 1,1'-Biphenyl	13.298	154	291180	4.518	ng/ul#	92
44) 2-Chloronaphthalene	13.334	162	223468	4.559	ng/ul	92
45) 2-Nitroaniline	13.528	65	32701	3.795	ng/ul#	87
47) Dimethylphthalate	13.922	163	262339	4.580	ng/ul#	92
48) 2,6-Dinitrotoluene	14.028	165	27925	3.568	ng/ul	95
50) Acenaphthylene	14.181	152	355238	4.582	ng/ul	95
51) 3-Nitroaniline	14.357	138	32269	3.266	ng/ul	86
52) Acenaphthene	14.528	153	231453	4.594	ng/ul	98
53) 2,4-Dinitrophenol	14.563	184	20822	4.352	ng/ul#	75
55) 4-Nitrophenol	14.657	109	30536	4.123	ng/ul#	27
56) Dibenzofuran	14.863	168	331118	4.646	ng/ul	99
57) 2,4-Dinitrotoluene	14.816	165	43908	3.904	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.092	232	49842	3.874	ng/ul#	89
59) Diethylphthalate	15.292	149	245644	4.432	ng/ul	93
61) Fluorene	15.516	166	264591	4.736	ng/ul	90
62) 4-Chlorophenyl-phenyle...	15.516	204	134993	4.762	ng/ul	97
63) 4-Nitroaniline	15.522	138	34098	3.560	ng/ul#	73
66) 4,6-Dinitro-2-methylph...	15.581	198	27156	3.745	ng/ul#	76
67) N-Nitrosodiphenylamine	15.722	169	215430	4.333	ng/ul	94
68) 4-Bromophenyl-phenylether	16.410	248	77034	4.346	ng/ul	94
69) Hexachlorobenzene	16.528	284	89966	4.421	ng/ul#	89
70) Atrazine	16.686	200	76002	4.288	ng/ul	90
71) Pentachlorophenol	16.869	266	53987	4.494	ng/ul#	81
72) Phenanthrene	17.263	178	416147	4.594	ng/ul	99
74) Anthracene	17.357	178	411407	4.550	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.257	216	111092	3.880	ng/uL	90
76) Pentachlorobenzene	14.786	250	109679	4.301	ng/uL	91
77) Carbazole	17.622	167	345711	4.295	ng/ul#	96
78) Di-n-butylphthalate	18.198	149	348671	3.907	ng/ul#	92
80) Fluoranthene	19.239	202	463852	4.261	ng/ul	98
82) Pyrene	19.592	202	506431	4.551	ng/ul	98
83) Butylbenzylphthalate	20.486	149	124967	3.478	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.245	252	129609	3.579	ng/ul#	97
85) Benzo(a)anthracene	21.310	228	478171	4.401	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.257	149	210425	3.684	ng/ul#	79
87) Chrysene	21.363	228	479349	4.553	ng/ul	98
89) Di-n-octyl phthalate	22.192	149	313215	3.265	ng/ul	100
90) Benzo(b)fluoranthene	23.004	252	460555	4.124	ng/ul	99
91) Benzo(k)fluoranthene	23.051	252	473574	4.679	ng/ul#	95
93) Benzo(a)pyrene	23.627	252	473093	4.421	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.233	276	525472	4.147	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.256	278	456033	4.263	ng/ul#	92
96) Benzo(g,h,i)perylene	26.998	276	448869	4.137	ng/ul#	87

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

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