Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040424\
Data File : BN030614.D
Acq On : 02 Apr 2024 15:25
Operator : MA/JU
Sample : PB159894BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS894

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/06/2024

Quant Time: Apr 02 23:02:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Mar 31 12:24:07 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	289936	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	1283913	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.334	164	841039	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.087	188	1739342	20.000	ng/ul	0.00
79) Chrysene-d12	21.327	240	1536849	20.000	ng/ul	0.00
88) Perylene-d12	24.269	264	1518709	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	39303	6.356	ng/uL	0.00
4) Pyridine-d5	3.599	84	656174	35.390	ng/ul	0.00
7) Phenol-d5	6.864	99	780412	33.274	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	454488	31.373	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	620516	34.875	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	632514	32.177	ng/ul	0.00
21) Nitrobenzene-d5	8.852	128	314573	35.320	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	325356	39.932	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	630244	35.333	ng/ul	0.00
31) 4-Chloroaniline-d4	10.616	131	710297	24.188	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	1874929	33.390	ng/ul	0.00
49) Acenaphthylene-d8	14.028	160	2199082	34.061	ng/ul	0.00
54) 4-Nitrophenol-d4	14.545	143	381868	35.553	ng/ul	0.00
60) Fluorene-d10	15.334	176	1604366	32.650	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	283818	36.968	ng/ul	0.00
73) Anthracene-d10	17.187	188	2508113	33.467	ng/ul	0.00
81) Pyrene-d10	19.486	212	2892998	35.013	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.069	264	2438670	34.849	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	76757	11.587	ng/uL	96
5) Pyridine	3.617	79	582016	31.109	ng/ul	96
6) Benzaldehyde	6.840	77	99263	9.088	ng/ul	98
8) Phenol	6.887	94	743547	30.431	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.128	93	591618	29.693	ng/ul	100
12) 2-Chlorophenol	7.258	128	592950	31.066	ng/ul	98
13) 2-Methylphenol	8.134	108	570623	30.307	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.216	45	791947	28.227	ng/ul	98
16) Acetophenone	8.516	105	886470	28.562	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.505	70	440938	28.208	ng/ul	97
18) 4-Methylphenol	8.463	108	618536	29.346	ng/ul	99
19) Hexachloroethane	8.763	117	243675	30.451	ng/ul	98
22) Nitrobenzene	8.893	77	674841	31.039	ng/ul	98
23) Isophorone	9.416	82	1316423	30.361	ng/ul	99
25) 2-Nitrophenol	9.599	139	335708	35.058	ng/ul	98
26) 2,4-Dimethylphenol	9.658	107	647064	30.403	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.899	93	812465	29.471	ng/ul	99
29) 2,4-Dichlorophenol	10.128	162	581428	31.935	ng/ul	98
30) Naphthalene	10.528	128	1983176	30.117	ng/ul	99
32) 4-Chloroaniline	10.640	127	677625	23.944	ng/ul	100
33) Hexachlorobutadiene	10.810	225	355668	31.035	ng/ul	96
34) Caprolactam	11.422	113	206853m	30.412	ng/ul	
35) 4-Chloro-3-methylphenol	11.769	107	646381	31.521	ng/ul	99
36) 2-Methylnaphthalene	12.146	142	1357168	29.512	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	1356151	29.050	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.510	216	685143	31.567	ng/ul	97
40) Hexachlorocyclopentadiene	12.493	237	364994	29.612	ng/ul	99
41) 2,4,6-Trichlorophenol	12.757	196	462439	34.095	ng/ul	99
42) 2,4,5-Trichlorophenol	12.828	196	515597	33.661	ng/ul	96
43) 1,1'-Biphenyl	13.169	154	1751684	30.557	ng/ul	100
44) 2-Chloronaphthalene	13.204	162	1397078	30.959	ng/ul	99
45) 2-Nitroaniline	13.416	65	406004	33.807	ng/ul	99
47) Dimethylphthalate	13.804	163	1779537	30.679	ng/ul	99
48) 2,6-Dinitrotoluene	13.922	165	370643	34.464	ng/ul	98
50) Acenaphthylene	14.057	152	2320882	31.112	ng/ul	99
51) 3-Nitroaniline	14.246	138	363873	31.877	ng/ul	98
52) Acenaphthene	14.398	153	1522105	30.619	ng/ul	96
53) 2,4-Dinitrophenol	14.451	184	164103	33.222	ng/ul	96
55) 4-Nitrophenol	14.557	109	271129	31.861	ng/ul	99
56) Dibenzofuran	14.740	168	2042232	29.554	ng/ul	99
57) 2,4-Dinitrotoluene	14.704	165	536748	34.185	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.963	232	419800	33.000	ng/ul	97
59) Diethylphthalate	15.175	149	1808511	30.690	ng/ul	100
61) Fluorene	15.387	166	1625578	29.596	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.387	204	796052	29.541	ng/ul	97
63) 4-Nitroaniline	15.416	138	432852	39.004	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.469	198	288555	34.979	ng/ul	96
67) N-Nitrosodiphenylamine	15.604	169	1475084	31.141	ng/ul	99
68) 4-Bromophenyl-phenylether	16.281	248	515571	31.216	ng/ul	97
69) Hexachlorobenzene	16.387	284	593331	30.508	ng/ul	99
70) Atrazine	16.557	200	212674	12.954	ng/ul	99
71) Pentachlorophenol	16.728	266	374233	32.636	ng/ul	99
72) Phenanthrene	17.128	178	2736908	30.627	ng/ul	99
74) Anthracene	17.216	178	2777598	30.747	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.128	216	675068	31.592	ng/uL	98
76) Pentachlorobenzene	14.651	250	673470	31.029	ng/uL	95
77) Carbazole	17.492	167	2619681	33.067	ng/ul	99
78) Di-n-butylphthalate	18.063	149	3205198	33.164	ng/ul	99
80) Fluoranthene	19.151	202	3220220	32.785	ng/ul	99
82) Pyrene	19.516	202	3272207	31.544	ng/ul	100
83) Butylbenzylphthalate	20.428	149	1469323	37.090	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.239	252	1172110	41.507	ng/ul	96
85) Benzo(a)anthracene	21.310	228	3229746	31.489	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.245	149	2061492	35.287	ng/ul	99
87) Chrysene	21.369	228	3041183	31.414	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	3655529	38.009	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	2904771	32.500	ng/ul	99
91) Benzo(k)fluoranthene	23.398	252	2919397	32.163	ng/ul	98
93) Benzo(a)pyrene	24.133	252	2704960	32.038	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.574	276	2782878m	30.491	ng/ul	
95) Dibenzo(a,h)anthracene	27.627	278	2297389m	29.901	ng/ul	
96) Benzo(g,h,i)perylene	28.609	276	2192508	30.600	ng/ul	98

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

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