Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041724\
Data File : BN031039.D
Acq On : 19 Apr 2024 11:37
Operator : MA/JU
Sample : PB160251BS
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS251

Quant Time: Apr 19 12:37:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 17 22:24:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	97305	20.000	ng/ul	0.00
20) Naphthalene-d8	10.416	136	471061	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.287	164	338445	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.033	188	780124	20.000	ng/ul	0.00
79) Chrysene-d12	21.269	240	855984	20.000	ng/ul	0.00
88) Perylene-d12	24.174	264	1146869	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	15670	7.550	ng/uL	0.00
4) Pyridine-d5	3.552	84	194503	31.257	ng/ul	0.00
7) Phenol-d5	6.810	99	292554	37.166	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	160603	33.034	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	227351	38.074	ng/ul	0.00
15) 4-Methylphenol-d8	8.346	113	243313	36.882	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	119366	36.529	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	128926	43.128	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	249099	38.063	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	366645	34.030	ng/ul	0.00
46) Dimethylphthalate-d6	13.698	166	824342	36.481	ng/ul	0.00
49) Acenaphthylene-d8	13.975	160	931735	35.863	ng/ul	0.00
54) 4-Nitrophenol-d4	14.498	143	182748	42.281	ng/ul	0.00
60) Fluorene-d10	15.281	176	722012	36.514	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	137858	40.035	ng/ul	0.00
73) Anthracene-d10	17.133	188	1164573	34.647	ng/ul	0.00
81) Pyrene-d10	19.433	212	1496988	32.528	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.980	264	1904327	36.036	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.181	88	24047	10.817	ng/uL	92
5) Pyridine	3.569	79	195378	31.116	ng/ul	95
6) Benzaldehyde	6.787	77	146035	39.838	ng/ul	96
8) Phenol	6.840	94	302090	36.840	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.069	93	221949	33.191	ng/ul	100
12) 2-Chlorophenol	7.205	128	236409	36.906	ng/ul	95
13) 2-Methylphenol	8.081	108	224951	35.600	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.163	45	290982	30.903	ng/ul	98
16) Acetophenone	8.457	105	373929	35.899	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.440	70	189136	36.053	ng/ul	94
18) 4-Methylphenol	8.405	108	258345	36.521	ng/ul	98
19) Hexachloroethane	8.704	117	90839	33.824	ng/ul	98
22) Nitrobenzene	8.834	77	268216	33.624	ng/ul	99
23) Isophorone	9.357	82	561531	35.298	ng/ul	98
25) 2-Nitrophenol	9.540	139	139675	39.756	ng/ul	97
26) 2,4-Dimethylphenol	9.604	107	233580	29.913	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.840	93	329857	32.612	ng/ul	99
29) 2,4-Dichlorophenol	10.069	162	248401	37.186	ng/ul	99
30) Naphthalene	10.469	128	813947	33.690	ng/ul	99
32) 4-Chloroaniline	10.587	127	340040	32.748	ng/ul	99
33) Hexachlorobutadiene	10.746	225	133382	31.723	ng/ul	98
34) Caprolactam	11.357	113	102015	40.880	ng/ul	92
35) 4-Chloro-3-methylphenol	11.710	107	292342	38.856	ng/ul	97
36) 2-Methylnaphthalene	12.087	142	595401	35.289	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	601393	35.112	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.457	216	302057	34.583	ng/ul	99
40) Hexachlorocyclopentadiene	12.434	237	130223	26.254	ng/ul	99
41) 2,4,6-Trichlorophenol	12.704	196	210728	38.609	ng/ul	98
42) 2,4,5-Trichlorophenol	12.775	196	231232	37.514	ng/ul	97
43) 1,1'-Biphenyl	13.116	154	784041	33.988	ng/ul	100
44) 2-Chloronaphthalene	13.151	162	614370	33.832	ng/ul	100
45) 2-Nitroaniline	13.369	65	189807	39.275	ng/ul	98
47) Dimethylphthalate	13.751	163	818053	35.046	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	164576	38.028	ng/ul	99
50) Acenaphthylene	14.004	152	1044210	34.785	ng/ul	99
51) 3-Nitroaniline	14.198	138	193168	42.052	ng/ul	98
52) Acenaphthene	14.351	153	675004	33.743	ng/ul	100
53) 2,4-Dinitrophenol	14.404	184	90633	45.595	ng/ul	92
55) 4-Nitrophenol	14.510	109	141932	41.447	ng/ul	96
56) Dibenzofuran	14.687	168	966878	34.770	ng/ul	98
57) 2,4-Dinitrotoluene	14.657	165	254726	40.315	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.916	232	210769	41.172	ng/ul	98
59) Diethylphthalate	15.122	149	851627	35.914	ng/ul	99
61) Fluorene	15.339	166	804200	36.384	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.339	204	366921	33.836	ng/ul	97
63) 4-Nitroaniline	15.369	138	215313	48.214	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.422	198	147571	39.885	ng/ul	95
67) N-Nitrosodiphenylamine	15.551	169	732987	34.501	ng/ul	99
68) 4-Bromophenyl-phenylether	16.234	248	243746	32.904	ng/ul	97
69) Hexachlorobenzene	16.334	284	289063	33.138	ng/ul	97
70) Atrazine	16.510	200	272748	37.039	ng/ul	98
71) Pentachlorophenol	16.681	266	193562	37.635	ng/ul	96
72) Phenanthrene	17.075	178	1357841	33.878	ng/ul	100
74) Anthracene	17.169	178	1389657	34.297	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.075	216	306987	32.031	ng/uL	94
76) Pentachlorobenzene	14.604	250	298337	30.646	ng/uL	91
77) Carbazole	17.445	167	1353734	38.098	ng/ul	100
78) Di-n-butylphthalate	18.010	149	1641229	37.862	ng/ul	100
80) Fluoranthene	19.098	202	1712322	31.300	ng/ul	98
82) Pyrene	19.463	202	1841293	31.869	ng/ul	99
83) Butylbenzylphthalate	20.374	149	864201	39.167	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.186	252	651282	41.408	ng/ul	96
85) Benzo(a)anthracene	21.251	228	1966903	34.430	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.180	149	1280131	39.342	ng/ul	99
87) Chrysene	21.316	228	1898711	35.213	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	2457021	33.830	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	2256806	33.437	ng/ul	98
91) Benzo(k)fluoranthene	23.321	252	2223051	32.432	ng/ul	98
93) Benzo(a)pyrene	24.039	252	2002561	31.408	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.427	276	2827350	41.022	ng/ul	99
95) Dibenzo(a,h)anthracene	27.486	278	2305871	39.741	ng/ul	94
96) Benzo(g,h,i)perylene	28.451	276	2197047	40.605	ng/ul	95

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

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