Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111722\
Data File : BN022736.D
Acq On : 18 Nov 2022 01:03
Operator : CG/JU
Sample : PB149132BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS132

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/18/2022
Supervised By :mohammad ahmed 11/21/2022

Quant Time: Nov 18 02:02:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 17 22:16:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	50435	20.000	ng/ul	0.00
20) Naphthalene-d8	10.675	136	248169	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.528	164	170576	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.281	188	363265	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	360557	20.000	ng/ul	0.00
88) Perylene-d12	23.886	264	381141	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	9185	6.218	ng/uL	0.00
4) Pyridine-d5	3.628	84	15200m	3.638	ng/ul	0.01
7) Phenol-d5	7.028	99	182940	38.405	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	112636	39.438	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	130186	37.319	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	151433	40.268	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	70874	36.896	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	80032	37.339	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.299	165	139797	38.258	ng/ul	0.00
31) 4-Chloroaniline-d4	10.828	131	15011	2.697	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	478676	38.581	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	514703	37.651	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	97365	39.365	ng/ul	0.00
60) Fluorene-d10	15.522	176	387285	38.060	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	84801	36.726	ng/ul	0.00
73) Anthracene-d10	17.381	188	605142	38.043	ng/ul	0.00
81) Pyrene-d10	19.686	212	686902	36.762	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	749138	39.100	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	16828	10.704	ng/uL	94
5) Pyridine	3.640	79	88715	21.417	ng/ul	98
6) Benzaldehyde	6.993	77	100650	41.763	ng/ul	99
8) Phenol	7.052	94	174217	35.116	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.281	93	134264	34.730	ng/ul	97
12) 2-Chlorophenol	7.416	128	126895	34.066	ng/ul	97
13) 2-Methylphenol	8.310	108	129574	35.088	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.399	45	191073m	37.443	ng/ul	
16) Acetophenone	8.693	105	225940	37.643	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.681	70	123305	38.546	ng/ul	99
18) 4-Methylphenol	8.652	108	147509	36.787	ng/ul	96
19) Hexachloroethane	8.934	117	52935	33.565	ng/ul	99
22) Nitrobenzene	9.075	77	176125	33.842	ng/ul	99
23) Isophorone	9.604	82	347533	34.911	ng/ul	100
25) 2-Nitrophenol	9.793	139	80282	34.069	ng/ul	96
26) 2,4-Dimethylphenol	9.852	107	174799	34.581	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.093	93	202196	35.221	ng/ul	98
29) 2,4-Dichlorophenol	10.328	162	131349	35.367	ng/ul	96
30) Naphthalene	10.722	128	447661	33.985	ng/ul	100
32) 4-Chloroaniline	10.851	127	88558	15.235	ng/ul	97
33) Hexachlorobutadiene	10.999	225	77753	34.013	ng/ul	96
34) Caprolactam	11.640	113	50932m	36.149	ng/ul	
35) 4-Chloro-3-methylphenol	11.981	107	180202	37.203	ng/ul	97
36) 2-Methylnaphthalene	12.345	142	315479	35.157	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.563	142	319323	35.499	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.710	216	147922	32.308	ng/ul	98
40) Hexachlorocyclopentadiene	12.681	237	73424	27.467	ng/ul	99
41) 2,4,6-Trichlorophenol	12.957	196	107078	32.940	ng/ul	99
42) 2,4,5-Trichlorophenol	13.034	196	120716	35.067	ng/ul	97
43) 1,1'-Biphenyl	13.357	154	418641	33.436	ng/ul	99
44) 2-Chloronaphthalene	13.404	162	323574	33.166	ng/ul	97
45) 2-Nitroaniline	13.622	65	123340	34.811	ng/ul	97
47) Dimethylphthalate	13.992	163	457999	35.121	ng/ul	98
48) 2,6-Dinitrotoluene	14.116	165	92022	34.861	ng/ul	98
50) Acenaphthylene	14.251	152	518271	33.937	ng/ul	99
51) 3-Nitroaniline	14.451	138	88394	31.100	ng/ul	97
52) Acenaphthene	14.592	153	367792	33.944	ng/ul	99
53) 2,4-Dinitrophenol	14.663	184	56586	30.674	ng/ul	99
55) 4-Nitrophenol	14.769	109	88274	36.005	ng/ul	97
56) Dibenzofuran	14.928	168	498020	34.786	ng/ul	98
57) 2,4-Dinitrotoluene	14.910	165	139443	36.275	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.157	232	103118	34.976	ng/ul	98
59) Diethylphthalate	15.351	149	488646	35.354	ng/ul	99
61) Fluorene	15.581	166	424610	35.515	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.569	204	198226	35.173	ng/ul	99
63) 4-Nitroaniline	15.616	138	97521	38.474	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.669	198	79294	33.224	ng/ul	95
67) N-Nitrosodiphenylamine	15.792	169	360482	33.144	ng/ul	98
68) 4-Bromophenyl-phenylether	16.469	248	122583	34.268	ng/ul	99
69) Hexachlorobenzene	16.581	284	141703	33.887	ng/ul	93
70) Atrazine	16.745	200	48496	12.509	ng/ul	99
71) Pentachlorophenol	16.933	266	85449	32.162	ng/ul	98
72) Phenanthrene	17.328	178	672811	34.363	ng/ul	96
74) Anthracene	17.416	178	669871	33.776	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.322	216	148431	30.985	ng/uL	94
76) Pentachlorobenzene	14.845	250	153430	29.676	ng/uL	99
77) Carbazole	17.698	167	616953	33.480	ng/ul	97
78) Di-n-butylphthalate	18.251	149	876967	33.439	ng/ul	100
80) Fluoranthene	19.345	202	774715	33.220	ng/ul	97
82) Pyrene	19.716	202	815550	34.139	ng/ul	99
83) Butylbenzylphthalate	20.616	149	412483	33.921	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.404	252	85041	10.690	ng/ul	98
85) Benzo(a)anthracene	21.469	228	807692	33.923	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.392	149	623559	34.743	ng/ul	99
87) Chrysene	21.521	228	764418	33.902	ng/ul	98
89) Di-n-octyl phthalate	22.316	149	1103087	32.908	ng/ul	100
90) Benzo(b)fluoranthene	23.151	252	853818	33.056	ng/ul	96
91) Benzo(k)fluoranthene	23.204	252	837246	34.148	ng/ul	99
93) Benzo(a)pyrene	23.780	252	749603	34.238	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.404	276	927298m	37.242	ng/ul	
95) Dibenzo(a,h)anthracene	26.415	278	835221	37.425	ng/ul	95
96) Benzo(g,h,i)perylene	27.180	276	806258	37.138	ng/ul	98

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

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