Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023260.D
Acq On : 17 Dec 2022 03:35
Operator : CG/JU
Sample : PB149555BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS555

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

Quant Time: Dec 17 04:32:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 23:22:36 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	273388	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	1274888	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	839245	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	1891739	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	1727126	20.000	ng/ul	0.00
88) Perylene-d12	24.039	264	1734436	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	34694	5.250	ng/uL	0.00
4) Pyridine-d5	3.769	84	527450	27.041	ng/ul	0.00
7) Phenol-d5	7.158	99	781855	30.749	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	441144	29.814	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	605811	31.619	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	632091	30.962	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	321303	32.619	ng/ul	0.00
24) 2-Nitrophenol-d4	9.899	143	350113	33.747	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	643116	32.837	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	844589	26.801	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	1995343	31.726	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	2247147	31.860	ng/ul	0.00
54) 4-Nitrophenol-d4	14.845	143	431929	30.750	ng/ul	0.00
60) Fluorene-d10	15.639	176	1687872	31.505	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	364492	32.731	ng/ul	0.00
73) Anthracene-d10	17.498	188	2615116	30.846	ng/ul	0.00
81) Pyrene-d10	19.792	212	3212953	34.198	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.880	264	2906076	34.184	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	75179	10.978	ng/uL	99
5) Pyridine	3.793	79	545502	27.369	ng/ul	98
6) Benzaldehyde	7.134	77	364777	40.051	ng/ul	96
8) Phenol	7.187	94	819779	31.918	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.422	93	622383	31.199	ng/ul	98
12) 2-Chlorophenol	7.558	128	637863	32.415	ng/ul	98
13) 2-Methylphenol	8.446	108	624910	31.978	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.540	45	800839	31.697	ng/ul	98
16) Acetophenone	8.834	105	982755	31.816	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.822	70	504369	32.608	ng/ul	99
18) 4-Methylphenol	8.781	108	693861	31.996	ng/ul	99
19) Hexachloroethane	9.087	117	240950	31.792	ng/ul	95
22) Nitrobenzene	9.216	77	748056	31.672	ng/ul	100
23) Isophorone	9.746	82	1472943	33.063	ng/ul	99
25) 2-Nitrophenol	9.928	139	381540	33.719	ng/ul	98
26) 2,4-Dimethylphenol	9.987	107	638475	27.875	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.228	93	875551	30.723	ng/ul	100
29) 2,4-Dichlorophenol	10.463	162	644457	33.253	ng/ul	99
30) Naphthalene	10.869	128	2120577	31.135	ng/ul	99
32) 4-Chloroaniline	10.981	127	707235	22.494	ng/ul	99
33) Hexachlorobutadiene	11.157	225	368805	33.380	ng/ul	96
34) Caprolactam	11.763	113	245913m	32.634	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	748067	34.078	ng/ul	95
36) 2-Methylnaphthalene	12.481	142	1502585	32.733	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.698	142	1517972	32.089	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.845	216	770939	32.478	ng/ul	96
40) Hexachlorocyclopentadiene	12.828	237	340455	23.844	ng/ul	97
41) 2,4,6-Trichlorophenol	13.087	196	523356	32.053	ng/ul	99
42) 2,4,5-Trichlorophenol	13.157	196	596558	33.012	ng/ul	98
43) 1,1'-Biphenyl	13.487	154	1958052	30.876	ng/ul	100
44) 2-Chloronaphthalene	13.528	162	1572938	31.851	ng/ul	99
45) 2-Nitroaniline	13.734	65	495171	34.601	ng/ul	98
47) Dimethylphthalate	14.110	163	2042760	32.189	ng/ul	99
48) 2,6-Dinitrotoluene	14.228	165	438061	35.653	ng/ul	96
50) Acenaphthylene	14.375	152	2472331	31.876	ng/ul	98
51) 3-Nitroaniline	14.557	138	470347	37.595	ng/ul	96
52) Acenaphthene	14.716	153	1715279	31.811	ng/ul	98
53) 2,4-Dinitrophenol	14.757	184	254332	32.485	ng/ul	94
55) 4-Nitrophenol	14.863	109	329819	31.747	ng/ul	96
56) Dibenzofuran	15.051	168	2359180	31.424	ng/ul	99
57) 2,4-Dinitrotoluene	15.010	165	637806	35.166	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.275	232	506351	32.365	ng/ul	95
59) Diethylphthalate	15.475	149	2067971	32.756	ng/ul	98
61) Fluorene	15.698	166	1887694	31.050	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.692	204	907372	31.141	ng/ul	98
63) 4-Nitroaniline	15.722	138	505559	41.495	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.775	198	366337	33.697	ng/ul	98
67) N-Nitrosodiphenylamine	15.904	169	1691069	32.300	ng/ul	98
68) 4-Bromophenyl-phenylether	16.586	248	616909	33.797	ng/ul	95
69) Hexachlorobenzene	16.704	284	713393	33.428	ng/ul	97
70) Atrazine	16.857	200	309929	16.199	ng/ul	98
71) Pentachlorophenol	17.045	266	439405	31.181	ng/ul	93
72) Phenanthrene	17.439	178	3205332	32.021	ng/ul	99
74) Anthracene	17.533	178	3137524	31.414	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	783485	33.304	ng/uL	99
76) Pentachlorobenzene	14.969	250	774675	32.496	ng/uL	99
77) Carbazole	17.804	167	3017808	32.812	ng/ul	100
78) Di-n-butylphthalate	18.363	149	3701295	33.893	ng/ul	100
80) Fluoranthene	19.457	202	3840365	35.146	ng/ul	99
82) Pyrene	19.822	202	3901768	33.992	ng/ul	99
83) Butylbenzylphthalate	20.716	149	1772079	37.307	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.504	252	1262880	33.274	ng/ul	99
85) Benzo(a)anthracene	21.569	228	3794276	32.790	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.486	149	2495058	37.149	ng/ul	99
87) Chrysene	21.627	228	3578154	32.766	ng/ul	97
89) Di-n-octyl phthalate	22.433	149	4367481	41.581	ng/ul	100
90) Benzo(b)fluoranthene	23.286	252	3869499	35.372	ng/ul	98
91) Benzo(k)fluoranthene	23.339	252	3587681	34.461	ng/ul	100
93) Benzo(a)pyrene	23.933	252	3169592	33.714	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.609	276	3467776m	29.116	ng/ul	
95) Dibenzo(a,h)anthracene	26.627	278	3061977	31.531	ng/ul	98
96) Benzo(g,h,i)perylene	27.398	276	2904794	30.825	ng/ul	100

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

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