Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041923\
Data File : BF132916.D
Acq On : 19 Apr 2023 17:24
Operator : CG\JU
Sample : PB152211BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 20 01:47:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 04:51:21 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB152211BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/24/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.763	152	328088	20.000	ng		0.00
21) Naphthalene-d8	8.051	136	1303339	20.000	ng		0.00
39) Acenaphthene-d10	9.804	164	676900	20.000	ng		0.00
64) Phenanthrene-d10	11.286	188	1173781	20.000	ng		0.00
76) Chrysene-d12	13.927	240	760519	20.000	ng		0.00
86) Perylene-d12	15.351	264	776049	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	2190034	104.377	ng		0.02
7) Phenol-d6	6.404	99	2828895	105.659	ng		0.00
23) Nitrobenzene-d5	7.333	82	1733954	69.347	ng		0.00
42) 2,4,6-Tribromophenol	10.598	330	755943	111.343	ng		0.00
45) 2-Fluorobiphenyl	9.133	172	2923809	66.356	ng		0.00
79) Terphenyl-d14	12.874	244	3120286	69.997	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.551	88	428461	41.849	ng		100
3) Pyridine	3.251	79	1061603	37.913	ng		98
4) n-Nitrosodimethylamine	3.210	42	570549	42.883	ng		99
6) Aniline	6.428	93	1302525	36.684	ng		98
8) 2-Chlorophenol	6.551	128	948468	44.558	ng		97
9) Benzaldehyde	6.310	77	578329	36.507	ng		95
10) Phenol	6.416	94	1300683	43.206	ng		92
11) bis(2-Chloroethyl)ether	6.504	93	976774	42.963	ng		99
12) 1,3-Dichlorobenzene	6.710	146	1021231	43.649	ng		99
13) 1,4-Dichlorobenzene	6.786	146	1032552	44.044	ng		99
14) 1,2-Dichlorobenzene	6.939	146	960983	43.903	ng		98
15) Benzyl Alcohol	6.910	79	870602	47.447	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	1771075	45.020	ng		100
17) 2-Methylphenol	7.022	107	830771	42.612	ng		100
18) Hexachloroethane	7.281	117	360383	44.295	ng		94
19) n-Nitroso-di-n-propyla...	7.186	70	735082	43.986	ng		96
20) 3+4-Methylphenols	7.175	107	980900	42.567	ng		97
22) Acetophenone	7.181	105	1324234	43.311	ng	#	98
24) Nitrobenzene	7.351	77	1075417	41.961	ng		99
25) Isophorone	7.592	82	2038929	42.990	ng		98
26) 2-Nitrophenol	7.669	139	525329	54.336	ng		99
27) 2,4-Dimethylphenol	7.710	122	903498	45.811	ng		98
28) bis(2-Chloroethoxy)met...	7.804	93	1212347	42.753	ng		100
29) 2,4-Dichlorophenol	7.910	162	821809	44.768	ng		99
30) 1,2,4-Trichlorobenzene	7.992	180	848389	42.803	ng		99
31) Naphthalene	8.075	128	2737867	41.569	ng		100
32) Benzoic acid	7.839	122	558325	56.454	ng		98
33) 4-Chloroaniline	8.116	127	406130	15.055	ng		99
34) Hexachlorobutadiene	8.192	225	476686	42.038	ng		98
35) Caprolactam	8.498	113	279451m	51.119	ng		
36) 4-Chloro-3-methylphenol	8.604	107	875296	45.428	ng		97
37) 2-Methylnaphthalene	8.763	142	1820097	40.149	ng		98
38) 1-Methylnaphthalene	8.863	142	1809001	42.827	ng		99
40) 1,2,4,5-Tetrachloroben...	8.933	216	778656	40.670	ng		98
41) Hexachlorocyclopentadiene	8.922	237	1045711	103.624	ng		98
43) 2,4,6-Trichlorophenol	9.045	196	550257	45.338	ng		99

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44) 2,4,5-Trichlorophenol	9.080	196	583115	41.088	ng	97
46) 1,1'-Biphenyl	9.233	154	2249762	41.926	ng	99
47) 2-Chloronaphthalene	9.251	162	1699089	42.788	ng	98
48) 2-Nitroaniline	9.345	65	558371	48.606	ng	97
49) Acenaphthylene	9.669	152	2587758	40.858	ng	99
50) Dimethylphthalate	9.533	163	1943570	41.531	ng	99
51) 2,6-Dinitrotoluene	9.592	165	456540	44.495	ng	96
52) Acenaphthene	9.839	154	1859871	45.570	ng	99
53) 3-Nitroaniline	9.757	138	351260	30.084	ng	93
54) 2,4-Dinitrophenol	9.863	184	456545	114.223	ng	92
55) Dibenzofuran	10.016	168	2339955	40.410	ng	97
56) 4-Nitrophenol	9.922	139	823009	94.890	ng	98
57) 2,4-Dinitrotoluene	9.998	165	617123	48.733	ng	87
58) Fluorene	10.357	166	1703717	40.166	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.127	232	495964	45.029	ng	99
60) Diethylphthalate	10.233	149	1857453	42.475	ng	100
61) 4-Chlorophenyl-phenyle...	10.345	204	876486	40.625	ng	92
62) 4-Nitroaniline	10.374	138	489315	43.602	ng	97
63) Azobenzene	10.510	77	1986028	40.657	ng	99
65) 4,6-Dinitro-2-methylph...	10.398	198	295526	52.572	ng	97
66) n-Nitrosodiphenylamine	10.469	169	1552059	40.600	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	566846	42.291	ng	97
68) Hexachlorobenzene	10.904	284	622992	44.801	ng	97
69) Atrazine	10.998	200	520068	48.673	ng	97
70) Pentachlorophenol	11.092	266	734403	81.843	ng	99
71) Phenanthrene	11.316	178	2560405	40.553	ng	99
72) Anthracene	11.363	178	2607708	40.347	ng	99
73) Carbazole	11.516	167	2349660	42.016	ng	99
74) Di-n-butylphthalate	11.857	149	2773010	46.255	ng	100
75) Fluoranthene	12.498	202	2536894	40.406	ng	99
77) Benzidine	12.621	184	1081232	91.266	ng	96
78) Pyrene	12.727	202	2596853	41.759	ng	100
80) Butylbenzylphthalate	13.351	149	862207	56.443	ng	96
81) Benzo(a)anthracene	13.915	228	2196981	42.478	ng	99
82) 3,3'-Dichlorobenzidine	13.880	252	518377	41.433	ng	98
83) Chrysene	13.951	228	2130935	41.452	ng	100
84) Bis(2-ethylhexyl)phtha...	13.915	149	1211284	61.577	ng	100
85) Di-n-octyl phthalate	14.527	149	2368590	54.415	ng	96
87) Indeno(1,2,3-cd)pyrene	16.750	276	1916630	43.222	ng	99
88) Benzo(b)fluoranthene	14.945	252	2147903	44.433	ng	99
89) Benzo(k)fluoranthene	14.974	252	2115364	43.928	ng	100
90) Benzo(a)pyrene	15.298	252	1823076	41.280	ng	99
91) Dibenzo(a,h)anthracene	16.774	278	1610014	42.611	ng	97
92) Benzo(g,h,i)perylene	17.174	276	1523547	42.114	ng	99

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

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