Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
Data File : BF139461.D
Acq On : 19 Sep 2024 13:27
Operator : RC/JU
Sample : PB163516BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 19 13:58:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB163516BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
09/21/2024
Supervised By :mohammad ahmed
09/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	79476	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	294976	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	162832	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	289025	20.000	ng		0.00
76) Chrysene-d12	14.033	240	150837	20.000	ng	#	0.00
86) Perylene-d12	15.504	264	150353	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	579167	118.881	ng		0.02
7) Phenol-d6	6.510	99	761475	119.082	ng		0.00
23) Nitrobenzene-d5	7.445	82	515094	82.092	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	200398	115.600	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	938766	80.859	ng		0.00
79) Terphenyl-d14	12.980	244	854167	92.949	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.781	88	72888	37.291	ng		98
3) Pyridine	3.516	79	189142	43.890	ng		98
4) n-Nitrosodimethylamine	3.481	42	150007	40.160	ng		86
6) Aniline	6.540	93	222428	46.092	ng	#	83
8) 2-Chlorophenol	6.663	128	221690	44.206	ng		99
9) Benzaldehyde	6.428	77	44315	11.995	ng		94
10) Phenol	6.528	94	285763	43.877	ng		93
11) bis(2-Chloroethyl)ether	6.616	93	209772	42.378	ng		99
12) 1,3-Dichlorobenzene	6.822	146	236889	41.535	ng		98
13) 1,4-Dichlorobenzene	6.898	146	239803	41.608	ng		100
14) 1,2-Dichlorobenzene	7.045	146	229785	42.194	ng		98
15) Benzyl Alcohol	7.022	79	218952	42.917	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	390320	51.165	ng		98
17) 2-Methylphenol	7.134	107	178921	44.905	ng		99
18) Hexachloroethane	7.393	117	91650	41.750	ng		99
19) n-Nitroso-di-n-propyla...	7.293	70	169210	44.654	ng		99
20) 3+4-Methylphenols	7.287	107	229948	42.301	ng	#	88
22) Acetophenone	7.287	105	313939	40.710	ng		99
24) Nitrobenzene	7.463	77	259252	40.145	ng		98
25) Isophorone	7.698	82	450781	45.427	ng		99
26) 2-Nitrophenol	7.775	139	116321	46.233	ng		95
27) 2,4-Dimethylphenol	7.810	122	178472	53.777	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	256316	45.321	ng		98
29) 2,4-Dichlorophenol	8.016	162	185670	44.038	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	199373	40.585	ng		99
31) Naphthalene	8.181	128	650550	42.245	ng		99
32) Benzoic acid	7.934	122	119212	38.384	ng		96
33) 4-Chloroaniline	8.228	127	105728	22.442	ng		99
34) Hexachlorobutadiene	8.298	225	130978	39.245	ng		99
35) Caprolactam	8.604	113	57200m	44.104	ng		
36) 4-Chloro-3-methylphenol	8.716	107	207720	43.110	ng		97
37) 2-Methylnaphthalene	8.875	142	423122	43.288	ng		99
38) 1-Methylnaphthalene	8.975	142	393599	41.016	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	203651	42.200	ng		99
41) Hexachlorocyclopentadiene	9.022	237	250778	148.832	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	140250	44.670	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	138933	41.951	ng	98
46) 1,1'-Biphenyl	9.339	154	530326	42.334	ng	99
47) 2-Chloronaphthalene	9.363	162	390840	41.728	ng	99
48) 2-Nitroaniline	9.457	65	150622	43.235	ng	99
49) Acenaphthylene	9.775	152	653338	46.338	ng	99
50) Dimethylphthalate	9.639	163	467101	43.706	ng	99
51) 2,6-Dinitrotoluene	9.698	165	103168	43.575	ng	97
52) Acenaphthene	9.951	154	469144	47.676	ng	99
53) 3-Nitroaniline	9.869	138	66233	27.992	ng	92
54) 2,4-Dinitrophenol	9.975	184	116136	88.031	ng	91
55) Dibenzofuran	10.122	168	591901	43.155	ng	97
56) 4-Nitrophenol	10.028	139	155458	79.402	ng	88
57) 2,4-Dinitrotoluene	10.104	165	137416	42.991	ng	99
58) Fluorene	10.463	166	463611	41.428	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	121893	44.493	ng	96
60) Diethylphthalate	10.333	149	475070	43.075	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	225213	41.410	ng	95
62) 4-Nitroaniline	10.481	138	97325	37.688	ng	92
63) Azobenzene	10.616	77	480944	44.337	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	74229	48.661	ng	96
66) n-Nitrosodiphenylamine	10.575	169	398654	47.177	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	132209	46.160	ng	98
68) Hexachlorobenzene	11.010	284	147375	43.843	ng	98
69) Atrazine	11.098	200	128099	63.677	ng	99
70) Pentachlorophenol	11.204	266	166350	82.473	ng	99
71) Phenanthrene	11.428	178	633170	45.407	ng	99
72) Anthracene	11.475	178	638377	46.824	ng	99
73) Carbazole	11.628	167	557076	42.692	ng	99
74) Di-n-butylphthalate	11.957	149	669000	46.024	ng	100
75) Fluoranthene	12.610	202	627482	42.138	ng	99
77) Benzidine	12.733	184	141705	65.572	ng	100
78) Pyrene	12.839	202	630733	48.700	ng	99
80) Butylbenzylphthalate	13.457	149	222229	50.411	ng	97
81) Benzo(a)anthracene	14.027	228	471152	47.156	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	102331	34.973	ng	99
83) Chrysene	14.063	228	420932	45.793	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	278107	49.591	ng	99
85) Di-n-octyl phthalate	14.621	149	428142	51.839	ng	98
87) Indeno(1,2,3-cd)pyrene	16.980	276	424446	47.475	ng	98
88) Benzo(b)fluoranthene	15.074	252	446898	48.194	ng	99
89) Benzo(k)fluoranthene	15.104	252	358505	41.932	ng	98
90) Benzo(a)pyrene	15.445	252	380851	49.523	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	345537	46.772	ng	99
92) Benzo(g,h,i)perylene	17.427	276	312491	42.721	ng	97

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

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