Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
Data File : BF140432.D
Acq On : 16 Nov 2024 16:16
Operator : RC/JU
Sample : P4821-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 18 00:07:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
BP-F-24MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	124316	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	461071	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	252226	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	475583	20.000	ng		0.00
76) Chrysene-d12	14.051	240	261264	20.000	ng		0.00
86) Perylene-d12	15.545	264	262017	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	734541	100.884	ng		0.02
7) Phenol-d6	6.516	99	975997	98.938	ng		0.01
23) Nitrobenzene-d5	7.434	82	616890	69.711	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	267856	106.793	ng		0.00
45) 2-Fluorobiphenyl	9.227	172	1102155	70.245	ng		0.00
79) Terphenyl-d14	12.980	244	1060690	70.470	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	137150	42.263	ng		99
3) Pyridine	3.446	79	345342	43.287	ng		99
4) n-Nitrosodimethylamine	3.398	42	177313	43.975	ng		100
6) Aniline	6.539	93	270459	31.517	ng	#	54
8) 2-Chlorophenol	6.663	128	361086	46.167	ng		98
9) Benzaldehyde	6.422	77	34129	5.773	ng		99
10) Phenol	6.528	94	463787	44.582	ng		86
11) bis(2-Chloroethyl)ether	6.604	93	347761	44.118	ng		98
12) 1,3-Dichlorobenzene	6.816	146	373172	43.243	ng		98
13) 1,4-Dichlorobenzene	6.892	146	379155	43.331	ng		99
14) 1,2-Dichlorobenzene	7.045	146	365021	44.936	ng		98
15) Benzyl Alcohol	7.016	79	325468	45.794	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	466338	42.831	ng		73
17) 2-Methylphenol	7.134	107	284914	44.282	ng		94
18) Hexachloroethane	7.386	117	136810	42.293	ng		98
19) n-Nitroso-di-n-propyla...	7.281	70	250940	42.119	ng		98
20) 3+4-Methylphenols	7.286	107	359498	44.678	ng		99
22) Acetophenone	7.281	105	479569	44.721	ng		98
24) Nitrobenzene	7.457	77	395398	42.915	ng		99
25) Isophorone	7.692	82	691225	44.073	ng		99
26) 2-Nitrophenol	7.769	139	190019	46.475	ng		99
27) 2,4-Dimethylphenol	7.810	122	278761m	53.255	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	417628	43.427	ng		100
29) 2,4-Dichlorophenol	8.016	162	296400	45.818	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	309586	42.984	ng		99
31) Naphthalene	8.175	128	1027189	43.917	ng		100
32) Benzoic acid	7.928	122	211271	45.869	ng		98
33) 4-Chloroaniline	8.228	127	107207	13.180	ng		96
34) Hexachlorobutadiene	8.292	225	197998	43.147	ng		99
35) Caprolactam	8.586	113	100603m	46.789	ng		
36) 4-Chloro-3-methylphenol	8.716	107	321329	44.822	ng		98
37) 2-Methylnaphthalene	8.869	142	665818	44.395	ng		100
38) 1-Methylnaphthalene	8.969	142	622952	42.417	ng		100
40) 1,2,4,5-Tetrachloroben...	9.033	216	315879	45.288	ng		99
41) Hexachlorocyclopentadiene	9.016	237	219172	122.386	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	212234	46.366	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	221495	44.259	ng	97
46) 1,1'-Biphenyl	9.333	154	818224	44.591	ng	100
47) 2-Chloronaphthalene	9.357	162	621171	44.440	ng	99
48) 2-Nitroaniline	9.457	65	215468	46.481	ng	100
49) Acenaphthylene	9.775	152	1027133	48.568	ng	100
50) Dimethylphthalate	9.633	163	745110	45.322	ng	99
51) 2,6-Dinitrotoluene	9.698	165	166695	44.476	ng	94
52) Acenaphthene	9.945	154	704565	49.325	ng	99
53) 3-Nitroaniline	9.863	138	116107	29.498	ng	98
54) 2,4-Dinitrophenol	9.975	184	135133	69.917	ng	99
55) Dibenzofuran	10.116	168	932061	46.094	ng	100
56) 4-Nitrophenol	10.039	139	269211	93.768	ng	99
57) 2,4-Dinitrotoluene	10.098	165	228856	46.395	ng	99
58) Fluorene	10.463	166	729282	45.654	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	189745	48.018	ng	99
60) Diethylphthalate	10.327	149	751940	44.729	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	348083	44.137	ng	98
62) 4-Nitroaniline	10.480	138	168543	41.878	ng	99
63) Azobenzene	10.610	77	880227	52.993	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	106305	41.546	ng	98
66) n-Nitrosodiphenylamine	10.569	169	636123	46.293	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	212193	44.635	ng	97
68) Hexachlorobenzene	11.010	284	238073	44.509	ng	98
69) Atrazine	11.098	200	211837	50.955	ng	99
70) Pentachlorophenol	11.210	266	241657	83.871	ng	97
71) Phenanthrene	11.427	178	1024587	45.862	ng	100
72) Anthracene	11.480	178	1060953	48.456	ng	99
73) Carbazole	11.633	167	959108	44.363	ng	100
74) Di-n-butylphthalate	11.957	149	1147737	44.232	ng	100
75) Fluoranthene	12.616	202	992301	39.590	ng	100
77) Benzidine	12.733	184	255334	25.463	ng	99
78) Pyrene	12.845	202	990327	44.314	ng	99
80) Butylbenzylphthalate	13.457	149	394161	45.913	ng	98
81) Benzo(a)anthracene	14.039	228	797440	46.441	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	193490	35.452	ng	99
83) Chrysene	14.074	228	726073	46.344	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	514146	44.869	ng	99
85) Di-n-octyl phthalate	14.645	149	812333	50.335	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	568648	35.133	ng	99
88) Benzo(b)fluoranthene	15.109	252	738862	43.108	ng	99
89) Benzo(k)fluoranthene	15.139	252	692621	49.466	ng	99
90) Benzo(a)pyrene	15.480	252	647733	48.664	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	468399	35.010	ng	99
92) Benzo(g,h,i)perylene	17.503	276	400698	29.296	ng	99

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

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