Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
Data File : BF138807.D
Acq On : 06 Aug 2024 13:50
Operator : RC/JU
Sample : PB162473BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 06 14:15:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB162473BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	50899	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	212590	20.000	ng		0.00
39) Acenaphthene-d10	9.880	164	122030	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	208053	20.000	ng		0.00
76) Chrysene-d12	14.004	240	105962	20.000	ng		0.00
86) Perylene-d12	15.462	264	92958	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	432295	131.105	ng		0.02
7) Phenol-d6	6.492	99	567012	128.081	ng		0.00
23) Nitrobenzene-d5	7.410	82	365641	84.090	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	141172	141.230	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	703864	86.663	ng		0.00
79) Terphenyl-d14	12.945	244	702053	110.929	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	44636	30.920	ng		98
3) Pyridine	3.469	79	120390	34.427	ng		95
4) n-Nitrosodimethylamine	3.428	42	99668	47.854	ng		87
6) Aniline	6.510	93	134466	34.059	ng	#	22
8) 2-Chlorophenol	6.634	128	170727	49.213	ng		97
9) Benzaldehyde	6.398	77	119955	45.202	ng		99
10) Phenol	6.510	94	221907	47.608	ng		88
11) bis(2-Chloroethyl)ether	6.581	93	157740	43.977	ng		99
12) 1,3-Dichlorobenzene	6.781	146	172851	44.511	ng		98
13) 1,4-Dichlorobenzene	6.863	146	178844	45.636	ng		99
14) 1,2-Dichlorobenzene	7.010	146	167238	45.662	ng		99
15) Benzyl Alcohol	6.992	79	161178	50.515	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	251820	40.795	ng		59
17) 2-Methylphenol	7.110	107	138040	48.188	ng	#	88
18) Hexachloroethane	7.351	117	66602	45.148	ng		99
19) n-Nitroso-di-n-propyla...	7.263	70	128488	48.054	ng		98
20) 3+4-Methylphenols	7.263	107	182853	49.750	ng	#	81
22) Acetophenone	7.257	105	226097	43.436	ng		98
24) Nitrobenzene	7.434	77	188239	42.544	ng		98
25) Isophorone	7.669	82	339060	45.666	ng		99
26) 2-Nitrophenol	7.745	139	92061	48.361	ng		98
27) 2,4-Dimethylphenol	7.786	122	116382	51.099	ng		98
28) bis(2-Chloroethoxy)met...	7.875	93	203091	44.917	ng		99
29) 2,4-Dichlorophenol	7.992	162	142214	48.592	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	150709	44.622	ng		99
31) Naphthalene	8.145	128	504473	45.082	ng		99
32) Benzoic acid	7.939	122	73870	41.260	ng		98
33) 4-Chloroaniline	8.198	127	106430	28.334	ng		99
34) Hexachlorobutadiene	8.257	225	90396	44.188	ng		99
35) Caprolactam	8.592	113	40408m	46.271	ng		
36) 4-Chloro-3-methylphenol	8.692	107	162968	48.723	ng		99
37) 2-Methylnaphthalene	8.839	142	330882	46.820	ng		99
38) 1-Methylnaphthalene	8.939	142	307804	44.447	ng		100
40) 1,2,4,5-Tetrachloroben...	9.004	216	143187	42.240	ng		99
41) Hexachlorocyclopentadiene	8.986	237	105267	114.073	ng		98
43) 2,4,6-Trichlorophenol	9.122	196	95695	46.300	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	101331	44.847	ng		99
46) 1,1'-Biphenyl	9.304	154	395824	41.416	ng		99
47) 2-Chloronaphthalene	9.328	162	312648	43.985	ng		99
48) 2-Nitroaniline	9.433	65	108685	45.103	ng		98
49) Acenaphthylene	9.745	152	490071	48.612	ng		99
50) Dimethylphthalate	9.604	163	374753	48.028	ng		99
51) 2,6-Dinitrotoluene	9.675	165	81806	46.456	ng		97
52) Acenaphthene	9.916	154	299651	44.217	ng		99
53) 3-Nitroaniline	9.845	138	55122	30.280	ng		99
54) 2,4-Dinitrophenol	9.963	184	82173	101.371	ng		95
55) Dibenzofuran	10.086	168	443813	46.394	ng		99
56) 4-Nitrophenol	10.028	139	95788	87.501	ng		96
57) 2,4-Dinitrotoluene	10.080	165	110126	49.017	ng	#	88
58) Fluorene	10.427	166	363805	47.757	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	85121	49.277	ng		98
60) Diethylphthalate	10.304	149	368621	49.825	ng		100
61) 4-Chlorophenyl-phenyle...	10.416	204	178516	47.647	ng		96
62) 4-Nitroaniline	10.463	138	78118	45.156	ng		93
63) Azobenzene	10.580	77	373271	45.490	ng		98
65) 4,6-Dinitro-2-methylph...	10.492	198	62042	48.879	ng		98
66) n-Nitrosodiphenylamine	10.539	169	308920	47.502	ng		99
67) 4-Bromophenyl-phenylether	10.910	248	104886	46.563	ng		98
68) Hexachlorobenzene	10.975	284	108853	46.803	ng		97
69) Atrazine	11.069	200	93282	55.596	ng		98
70) Pentachlorophenol	11.180	266	90125	85.970	ng		100
71) Phenanthrene	11.392	178	515642	48.132	ng		100
72) Anthracene	11.445	178	518986	49.175	ng		100
73) Carbazole	11.598	167	435984	47.882	ng		99
74) Di-n-butylphthalate	11.922	149	571600	55.843	ng		100
75) Fluoranthene	12.580	202	487313	48.725	ng		98
77) Benzidine	12.698	184	33709	13.300	ng		99
78) Pyrene	12.810	202	490330	49.148	ng		100
80) Butylbenzylphthalate	13.416	149	163144	51.065	ng		98
81) Benzo(a)anthracene	13.992	228	337131	46.203	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	63673	34.099	ng		98
83) Chrysene	14.033	228	318323	48.355	ng		100
84) Bis(2-ethylhexyl)phtha...	13.968	149	198613	42.455	ng		98
85) Di-n-octyl phthalate	14.580	149	329523	38.071	ng		97
87) Indeno(1,2,3-cd)pyrene	16.939	276	325009	48.788	ng		97
88) Benzo(b)fluoranthene	15.039	252	273959	47.542	ng		98
89) Benzo(k)fluoranthene	15.068	252	275365	55.192	ng		99
90) Benzo(a)pyrene	15.404	252	256570	52.933	ng		99
91) Dibenzo(a,h)anthracene	16.951	278	265158	48.489	ng		99
92) Benzo(g,h,i)perylene	17.386	276	248203	43.739	ng		95

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

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