Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141513.D
Acq On : 07 Feb 2025 17:43
Operator : RC/JU
Sample : Q1288-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 07 22:23:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
HR-01-020425MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	92803	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	356369	20.000	ng	#	0.00
39) Acenaphthene-d10	9.833	164	182146	20.000	ng		0.00
64) Phenanthrene-d10	11.321	188	262167	20.000	ng		0.00
76) Chrysene-d12	13.968	240	176335	20.000	ng		0.00
86) Perylene-d12	15.433	264	147556	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	642053	108.464	ng		0.00
7) Phenol-d6	6.439	99	800748	107.026	ng		0.00
23) Nitrobenzene-d5	7.357	82	526280	77.026	ng		0.00
42) 2,4,6-Tribromophenol	10.627	330	182848	99.931	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	929841	78.649	ng		0.00
79) Terphenyl-d14	12.904	244	767401	73.468	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.540	88	104925	44.040	ng		100
3) Pyridine	3.269	79	239441	42.234	ng		99
4) n-Nitrosodimethylamine	3.216	42	164743	43.885	ng		99
6) Aniline	6.457	93	115915	16.516	ng	#	8
8) 2-Chlorophenol	6.581	128	291117	45.514	ng		99
9) Benzaldehyde	6.339	77	189802	47.739	ng		94
10) Phenol	6.451	94	354611	45.538	ng		84
11) bis(2-Chloroethyl)ether	6.528	93	297103	50.796	ng		96
12) 1,3-Dichlorobenzene	6.734	146	301913	44.710	ng		98
13) 1,4-Dichlorobenzene	6.810	146	301678	43.726	ng		98
14) 1,2-Dichlorobenzene	6.963	146	293947	45.905	ng		99
15) Benzyl Alcohol	6.939	79	254400	44.341	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	439230	43.869	ng		71
17) 2-Methylphenol	7.057	107	226234	45.197	ng		93
18) Hexachloroethane	7.304	117	131690	51.575	ng		97
19) n-Nitroso-di-n-propyla...	7.210	70	206796	46.208	ng		98
20) 3+4-Methylphenols	7.210	107	300469	47.234	ng		93
22) Acetophenone	7.204	105	496051	55.957	ng		97
24) Nitrobenzene	7.375	77	301803	45.299	ng		99
25) Isophorone	7.616	82	551112	50.588	ng		98
26) 2-Nitrophenol	7.692	139	150798	45.494	ng		97
27) 2,4-Dimethylphenol	7.733	122	232743	60.104	ng		98
28) bis(2-Chloroethoxy)met...	7.828	93	331773	47.527	ng		97
29) 2,4-Dichlorophenol	7.945	162	244576	46.746	ng		99
30) 1,2,4-Trichlorobenzene	8.016	180	256412	45.004	ng		99
31) Naphthalene	8.098	128	898258	48.423	ng		98
32) Benzoic acid	7.875	122	193314	48.062	ng		91
33) 4-Chloroaniline	8.157	127	75246	11.618	ng	#	93
34) Hexachlorobutadiene	8.210	225	161871	47.325	ng		99
35) Caprolactam	8.522	113	110881m	69.605	ng		
36) 4-Chloro-3-methylphenol	8.645	107	259439	44.765	ng		99
37) 2-Methylnaphthalene	8.792	142	600980	49.786	ng		99
38) 1-Methylnaphthalene	8.886	142	551145	47.141	ng		97
40) 1,2,4,5-Tetrachloroben...	8.957	216	265455	50.374	ng		99
41) Hexachlorocyclopentadiene	8.939	237	38434	21.928	ng		98
43) 2,4,6-Trichlorophenol	9.069	196	159203	46.743	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	161313	43.702	ng	#	88
46) 1,1'-Biphenyl	9.257	154	744433	52.717	ng		99
47) 2-Chloronaphthalene	9.280	162	476402	45.622	ng		99
48) 2-Nitroaniline	9.374	65	170934	48.776	ng		96
49) Acenaphthylene	9.698	152	734623	47.298	ng		99
50) Dimethylphthalate	9.557	163	563639	45.582	ng		98
51) 2,6-Dinitrotoluene	9.622	165	119438	44.184	ng		95
52) Acenaphthene	9.869	154	499306	47.818	ng		98
53) 3-Nitroaniline	9.786	138	63023	21.662	ng	#	95
54) 2,4-Dinitrophenol	9.898	184	71581	44.555	ng		92
55) Dibenzofuran	10.039	168	673218	43.924	ng		97
56) 4-Nitrophenol	9.969	139	188603	87.326	ng		95
57) 2,4-Dinitrotoluene	10.027	165	159647	44.364	ng	#	100
58) Fluorene	10.386	166	553693	46.722	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	128824	40.538	ng	#	85
60) Diethylphthalate	10.257	149	542418	44.584	ng		99
61) 4-Chlorophenyl-phenyle...	10.374	204	246802	43.289	ng		95
62) 4-Nitroaniline	10.404	138	90759	30.721	ng		92
63) Azobenzene	10.539	77	586136	48.462	ng		88
65) 4,6-Dinitro-2-methylph...	10.439	198	47638	26.158	ng	#	70
66) n-Nitrosodiphenylamine	10.492	169	467745	55.736	ng		98
67) 4-Bromophenyl-phenylether	10.869	248	147233	50.249	ng		96
68) Hexachlorobenzene	10.933	284	140122	46.442	ng		94
69) Atrazine	11.027	200	174009	69.115	ng		99
70) Pentachlorophenol	11.133	266	173673	90.022	ng		99
71) Phenanthrene	11.351	178	1463714	101.428	ng		99
72) Anthracene	11.398	178	833684	57.469	ng		99
73) Carbazole	11.557	167	610381	46.762	ng		98
74) Di-n-butylphthalate	11.886	149	777973	51.617	ng		100
75) Fluoranthene	12.539	202	1691990	110.589	ng		99
77) Benzidine	12.657	184	173129	44.518	ng		96
78) Pyrene	12.768	202	1586371	105.681	ng		99
80) Butylbenzylphthalate	13.380	149	276842	53.246	ng		98
81) Benzo(a)anthracene	13.957	228	1028687	87.760	ng		98
82) 3,3'-Dichlorobenzidine	13.915	252	74707	22.249	ng		99
83) Chrysene	13.992	228	909011	83.988	ng		98
84) Bis(2-ethylhexyl)phtha...	13.945	149	384909	65.639	ng		99
85) Di-n-octyl phthalate	14.568	149	615827	73.615	ng		100
87) Indeno(1,2,3-cd)pyrene	16.880	276	484894	53.184	ng		99
88) Benzo(b)fluoranthene	15.015	252	839900	84.773	ng		98
89) Benzo(k)fluoranthene	15.039	252	555023m	65.604	ng		
90) Benzo(a)pyrene	15.374	252	646442	80.634	ng		98
91) Dibenzo(a,h)anthracene	16.892	278	318007	43.046	ng		99
92) Benzo(g,h,i)perylene	17.315	276	381089	49.294	ng		99

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

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