Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141346.D
Acq On : 31 Jan 2025 21:50
Operator : RC/JU
Sample : Q1239-10MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
357MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 31 22:33:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	149445	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	587795	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	309142	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	457150	20.000	ng		0.00
76) Chrysene-d12	13.968	240	288493	20.000	ng		0.00
86) Perylene-d12	15.421	264	294341	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	817350	83.964	ng		0.01
7) Phenol-d6	6.440	99	1015815	82.029	ng		0.00
23) Nitrobenzene-d5	7.363	82	645753	57.914	ng		0.00
42) 2,4,6-Tribromophenol	10.628	330	238319	84.089	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1113958	55.463	ng		0.00
79) Terphenyl-d14	12.910	244	929665	49.697	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.575	88	173333	40.487	ng		99
3) Pyridine	3.299	79	405752	39.336	ng		99
4) n-Nitrosodimethylamine	3.246	42	237487	40.302	ng		99
6) Aniline	6.463	93	341319	32.561	ng	#	41
8) 2-Chlorophenol	6.592	128	422311	40.476	ng		96
9) Benzaldehyde	6.345	77	330994	46.144	ng		100
10) Phenol	6.457	94	511311	38.950	ng		75
11) bis(2-Chloroethyl)ether	6.534	93	403100	40.049	ng		99
12) 1,3-Dichlorobenzene	6.740	146	431562	37.513	ng		99
13) 1,4-Dichlorobenzene	6.816	146	436369	37.758	ng		100
14) 1,2-Dichlorobenzene	6.969	146	419896	38.800	ng		99
15) Benzyl Alcohol	6.945	79	358554	42.368	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	683880	39.073	ng		57
17) 2-Methylphenol	7.069	107	324783	38.300	ng	#	88
18) Hexachloroethane	7.310	117	164414	38.563	ng		99
19) n-Nitroso-di-n-propyla...	7.216	70	294396	40.008	ng		97
20) 3+4-Methylphenols	7.222	107	430429	41.340	ng	#	75
22) Acetophenone	7.210	105	625290	44.754	ng	#	94
24) Nitrobenzene	7.381	77	444284	38.450	ng		100
25) Isophorone	7.622	82	784855	40.721	ng		99
26) 2-Nitrophenol	7.698	139	223815	41.071	ng		100
27) 2,4-Dimethylphenol	7.745	122	354874m	51.162	ng		
28) bis(2-Chloroethoxy)met...	7.834	93	494323	40.208	ng		99
29) 2,4-Dichlorophenol	7.951	162	343871	40.495	ng		99
30) 1,2,4-Trichlorobenzene	8.022	180	359792	37.101	ng		100
31) Naphthalene	8.104	128	1180291	38.011	ng		100
32) Benzoic acid	7.869	122	280637	44.012	ng		98
33) 4-Chloroaniline	8.151	127	106653	10.129	ng		99
34) Hexachlorobutadiene	8.222	225	215053	37.815	ng		99
35) Caprolactam	8.528	113	125023m	45.082	ng		
36) 4-Chloro-3-methylphenol	8.651	107	358605	39.371	ng		99
37) 2-Methylnaphthalene	8.792	142	745370	37.767	ng		99
38) 1-Methylnaphthalene	8.892	142	725077	37.401	ng		100
40) 1,2,4,5-Tetrachloroben...	8.963	216	379280	43.126	ng		99
41) Hexachlorocyclopentadiene	8.945	237	372270	143.327	ng		100
43) 2,4,6-Trichlorophenol	9.075	196	235734	40.951	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	251331	40.115	ng	98
46) 1,1'-Biphenyl	9.257	154	1056092	43.804	ng	100
47) 2-Chloronaphthalene	9.281	162	715690	38.085	ng	99
48) 2-Nitroaniline	9.381	65	239299	40.485	ng	98
49) Acenaphthylene	9.698	152	1105725	42.034	ng	100
50) Dimethylphthalate	9.563	163	854897	40.945	ng	100
51) 2,6-Dinitrotoluene	9.622	165	186941	38.561	ng	97
52) Acenaphthene	9.869	154	820232m	43.647	ng	
53) 3-Nitroaniline	9.792	138	111619	23.491	ng	99
54) 2,4-Dinitrophenol	9.904	184	223971	99.384	ng	99
55) Dibenzofuran	10.045	168	979869	38.954	ng	99
56) 4-Nitrophenol	9.975	139	255108	73.413	ng	97
57) 2,4-Dinitrotoluene	10.028	165	247592	39.446	ng	98
58) Fluorene	10.386	166	746386	38.252	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	208581	42.317	ng	97
60) Diethylphthalate	10.263	149	814729	40.244	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	363176	38.104	ng	99
62) 4-Nitroaniline	10.410	138	172114	36.844	ng	99
63) Azobenzene	10.539	77	885591	43.701	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	140399	51.922	ng	98
66) n-Nitrosodiphenylamine	10.498	169	667697	45.158	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	227064	44.366	ng	97
68) Hexachlorobenzene	10.933	284	227552	41.915	ng	99
69) Atrazine	11.027	200	237625	48.067	ng	99
70) Pentachlorophenol	11.133	266	266010	83.676	ng	99
71) Phenanthrene	11.351	178	1050315	42.741	ng	99
72) Anthracene	11.404	178	1053645	43.760	ng	100
73) Carbazole	11.557	167	833117	39.021	ng	99
74) Di-n-butylphthalate	11.892	149	1136082	43.908	ng	100
75) Fluoranthene	12.539	202	950787	39.185	ng	100
77) Benzidine	12.663	184	402266	43.495	ng	99
78) Pyrene	12.769	202	947624	34.219	ng	99
80) Butylbenzylphthalate	13.392	149	380601	39.340	ng	100
81) Benzo(a)anthracene	13.957	228	783821	39.373	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	202580	31.995	ng	99
83) Chrysene	13.992	228	759093	41.606	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	505063	41.154	ng	99
85) Di-n-octyl phthalate	14.568	149	898058	47.113	ng	99
87) Indeno(1,2,3-cd)pyrene	16.874	276	622389	32.762	ng	99
88) Benzo(b)fluoranthene	15.004	252	775353	41.877	ng	99
89) Benzo(k)fluoranthene	15.033	252	772232	47.082	ng	100
90) Benzo(a)pyrene	15.362	252	706630	45.164	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	504206	32.989	ng	99
92) Benzo(g,h,i)perylene	17.304	276	466099	29.328	ng	99

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

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