Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031925\
Data File : BF142005.D
Acq On : 19 Mar 2025 14:45
Operator : RC/JU
Sample : Q1598-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11944MSD

Quant Time: Mar 19 15:17:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	169354	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	647038	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	295820	20.000	ng		0.01
64) Phenanthrene-d10	11.445	188	410741	20.000	ng	#	0.04
76) Chrysene-d12	14.080	240	402246	20.000	ng	#	0.04
86) Perylene-d12	15.539	264	293202	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	982774	96.851	ng		0.01
7) Phenol-d6	6.510	99	1213356	93.915	ng		0.00
23) Nitrobenzene-d5	7.445	82	787954	68.532	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	421949	112.434	ng		0.03
45) 2-Fluorobiphenyl	9.239	172	1425679	73.294	ng		0.00
79) Terphenyl-d14	13.033	244	1481130	54.439	ng		0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	156182	36.734	ng		99
3) Pyridine	3.452	79	380438	36.478	ng		97
4) n-Nitrosodimethylamine	3.387	42	175581	35.318	ng		93
6) Aniline	6.545	93	185326	14.541	ng		94
8) 2-Chlorophenol	6.669	128	429723	38.184	ng		98
9) Benzaldehyde	6.428	77	114609	15.861	ng		100
10) Phenol	6.528	94	495274	36.439	ng		99
11) bis(2-Chloroethyl)ether	6.616	93	400352	39.227	ng		96
12) 1,3-Dichlorobenzene	6.822	146	463678	38.163	ng		99
13) 1,4-Dichlorobenzene	6.898	146	465780	37.889	ng		100
14) 1,2-Dichlorobenzene	7.051	146	444793	38.414	ng		99
15) Benzyl Alcohol	7.022	79	374716	35.876	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	416928	33.838	ng		90
17) 2-Methylphenol	7.134	107	331331	37.028	ng		99
18) Hexachloroethane	7.392	117	158531	34.390	ng		97
19) n-Nitroso-di-n-propyla...	7.292	70	281589	33.920	ng		99
20) 3+4-Methylphenols	7.287	107	422579	36.870	ng	#	69
22) Acetophenone	7.287	105	649996	41.949	ng		97
24) Nitrobenzene	7.463	77	429588	37.584	ng		98
25) Isophorone	7.698	82	777615	38.261	ng		100
26) 2-Nitrophenol	7.775	139	191161	34.076	ng		99
27) 2,4-Dimethylphenol	7.816	122	353694	45.788	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	474679	37.238	ng		100
29) 2,4-Dichlorophenol	8.022	162	355720	37.101	ng		98
30) 1,2,4-Trichlorobenzene	8.104	180	391113	37.015	ng		99
31) Naphthalene	8.187	128	1181835	35.557	ng		100
32) Benzoic acid	7.922	122	249564	36.754	ng		98
33) 4-Chloroaniline	8.239	127	86903	7.407	ng		98
34) Hexachlorobutadiene	8.298	225	267537	38.826	ng		99
35) Caprolactam	8.604	113	107922	36.920	ng		96
36) 4-Chloro-3-methylphenol	8.716	107	362918	33.932	ng		97
37) 2-Methylnaphthalene	8.875	142	730534	32.883	ng		100
38) 1-Methylnaphthalene	8.975	142	696612	32.494	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	426867	47.395	ng		99
41) Hexachlorocyclopentadiene	9.028	237	140504	39.862	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	230450	39.151	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	233740	39.208	ng	#	95
46) 1,1'-Biphenyl	9.339	154	1001971	44.578	ng		99
47) 2-Chloronaphthalene	9.363	162	673099	40.178	ng		99
48) 2-Nitroaniline	9.457	65	214397	44.199	ng		98
49) Acenaphthylene	9.786	152	955599	38.438	ng	#	93
50) Dimethylphthalate	9.639	163	858259	41.431	ng	#	96
51) 2,6-Dinitrotoluene	9.704	165	187664	43.510	ng	#	75
52) Acenaphthene	9.963	154	575498	32.940	ng		98
53) 3-Nitroaniline	9.869	138	105774	24.176	ng	#	78
54) 2,4-Dinitrophenol	9.980	184	5732	8.720	ng	#	1
55) Dibenzofuran	10.133	168	819154	32.813	ng		98
56) 4-Nitrophenol	10.033	139	214628	65.050	ng	#	28
57) 2,4-Dinitrotoluene	10.110	165	184864	32.815	ng	#	77
58) Fluorene	10.486	166	640143	33.251	ng	#	92
59) 2,3,4,6-Tetrachlorophenol	10.257	232	176542	32.544	ng	#	89
60) Diethylphthalate	10.351	149	692641	33.532	ng	#	79
61) 4-Chlorophenyl-phenyle...	10.475	204	376335	37.495	ng	#	94
62) 4-Nitroaniline	10.486	138	83512	19.606	ng	#	84
63) Azobenzene	10.639	77	537760	28.002	ng	#	78
65) 4,6-Dinitro-2-methylph...	10.516	198	4699	1.919	ng	#	1
66) n-Nitrosodiphenylamine	10.592	169	541267	40.722	ng		98
67) 4-Bromophenyl-phenylether	10.975	248	231773	44.931	ng		98
68) Hexachlorobenzene	11.051	284	273240	48.296	ng	#	91
69) Atrazine	11.157	200	216277	53.078	ng	#	42
70) Pentachlorophenol	11.245	266	326550	93.679	ng		99
71) Phenanthrene	11.469	178	908573	40.954	ng	#	79
72) Anthracene	11.522	178	864156	38.825	ng	#	83
73) Carbazole	11.669	167	729345	37.996	ng	#	79
74) Di-n-butylphthalate	12.004	149	926673	36.383	ng	#	84
75) Fluoranthene	12.674	202	1278336	54.320	ng		90
78) Pyrene	12.904	202	1299501	37.348	ng	#	94
80) Butylbenzylphthalate	13.498	149	411834	30.240	ng		94
81) Benzo(a)anthracene	14.074	228	1188900	45.042	ng		98
82) 3,3'-Dichlorobenzidine	14.033	252	15542	2.038	ng	#	46
83) Chrysene	14.110	228	1030409	43.065	ng		98
84) Bis(2-ethylhexyl)phtha...	14.045	149	669854	35.674	ng	#	94
85) Di-n-octyl phthalate	14.645	149	1032746	39.528	ng		98
87) Indeno(1,2,3-cd)pyrene	17.027	276	709178	37.391	ng		97
88) Benzo(b)fluoranthene	15.110	252	1027680	51.142	ng		97
89) Benzo(k)fluoranthene	15.139	252	685816	39.881	ng		97
90) Benzo(a)pyrene	15.480	252	754780	48.004	ng		99
91) Dibenzo(a,h)anthracene	17.039	278	525827	33.601	ng		99
92) Benzo(g,h,i)perylene	17.480	276	553232	35.774	ng		97

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

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