Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012425\
Data File : BF141261.D
Acq On : 24 Jan 2025 14:42
Operator : RC/JU
Sample : Q1169-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPILL-SITEMS

Quant Time: Jan 25 01:01:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	157139	20.000	ng		-0.02
21) Naphthalene-d8	8.086	136	636347	20.000	ng		-0.02
39) Acenaphthene-d10	9.845	164	353948	20.000	ng		-0.02
64) Phenanthrene-d10	11.333	188	620553	20.000	ng		-0.01
76) Chrysene-d12	13.974	240	368804	20.000	ng		-0.01
86) Perylene-d12	15.439	264	406379	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	800613	78.707	ng		0.00
7) Phenol-d6	6.439	99	1009720	78.363	ng		0.00
23) Nitrobenzene-d5	7.369	82	641921	53.473	ng		-0.02
42) 2,4,6-Tribromophenol	10.639	330	382691	94.890	ng		-0.01
45) 2-Fluorobiphenyl	9.163	172	1281319	55.280	ng		-0.02
79) Terphenyl-d14	12.921	244	1367886	55.127	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	186124	41.089	ng	#	68
3) Pyridine	3.340	79	480921	43.294	ng		94
4) n-Nitrosodimethylamine	3.281	42	241400	44.445	ng		93
6) Aniline	6.469	93	354711	31.007	ng	#	84
8) 2-Chlorophenol	6.592	128	541585	49.626	ng		96
9) Benzaldehyde	6.351	77	54542	7.187	ng		95
10) Phenol	6.451	94	646295	46.857	ng		93
11) bis(2-Chloroethyl)ether	6.539	93	482667	46.956	ng		97
12) 1,3-Dichlorobenzene	6.745	146	560596	46.057	ng		98
13) 1,4-Dichlorobenzene	6.822	146	568887	46.380	ng		100
14) 1,2-Dichlorobenzene	6.975	146	540529	47.243	ng		98
15) Benzyl Alcohol	6.945	79	458864	49.312	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	659042	45.945	ng		94
17) 2-Methylphenol	7.063	107	422806	47.987	ng		98
18) Hexachloroethane	7.316	117	209292	47.184	ng		97
19) n-Nitroso-di-n-propyla...	7.216	70	352908	46.495	ng		98
20) 3+4-Methylphenols	7.210	107	513342	46.181	ng	#	82
22) Acetophenone	7.216	105	684019	45.217	ng		97
24) Nitrobenzene	7.386	77	544613	43.529	ng		98
25) Isophorone	7.628	82	990591	48.285	ng		98
26) 2-Nitrophenol	7.704	139	287895	50.586	ng		98
27) 2,4-Dimethylphenol	7.739	122	438377	57.105	ng		100
28) bis(2-Chloroethoxy)met...	7.839	93	606904	47.138	ng		99
29) 2,4-Dichlorophenol	7.945	162	447173	49.047	ng		99
30) 1,2,4-Trichlorobenzene	8.028	180	467415	44.851	ng		99
31) Naphthalene	8.110	128	1533913	45.709	ng		100
32) Benzoic acid	7.863	122	359474m	48.815	ng		
33) 4-Chloroaniline	8.157	127	190613	16.424	ng		98
34) Hexachlorobutadiene	8.228	225	288930	46.012	ng		100
35) Caprolactam	8.528	113	146828m	49.190	ng		
36) 4-Chloro-3-methylphenol	8.645	107	493394	49.482	ng		98
37) 2-Methylnaphthalene	8.798	142	1026718	48.012	ng		100
38) 1-Methylnaphthalene	8.898	142	960851	45.592	ng		100
40) 1,2,4,5-Tetrachloroben...	8.969	216	474160	46.674	ng		99
41) Hexachlorocyclopentadiene	8.951	237	539608	162.353	ng		99
43) 2,4,6-Trichlorophenol	9.080	196	334649	48.842	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	349862	48.349	ng	99
46) 1,1'-Biphenyl	9.269	154	1280524	46.585	ng	99
47) 2-Chloronaphthalene	9.292	162	965082	45.078	ng	99
48) 2-Nitroaniline	9.386	65	305562	48.147	ng	99
49) Acenaphthylene	9.710	152	1519391	49.673	ng	100
50) Dimethylphthalate	9.569	163	1200372	50.517	ng	100
51) 2,6-Dinitrotoluene	9.633	165	268627	48.614	ng	97
52) Acenaphthene	9.880	154	1155572	54.074	ng	100
53) 3-Nitroaniline	9.798	138	159312	28.371	ng	99
54) 2,4-Dinitrophenol	9.910	184	324698	123.624	ng	94
55) Dibenzofuran	10.051	168	1395477	48.008	ng	99
56) 4-Nitrophenol	9.969	139	456825	103.878	ng	97
57) 2,4-Dinitrotoluene	10.039	165	369588	51.900	ng	98
58) Fluorene	10.398	166	1076281	47.660	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	307709	51.159	ng	100
60) Diethylphthalate	10.275	149	1159312	49.975	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	539420	49.009	ng	98
62) 4-Nitroaniline	10.416	138	285533	51.953	ng	99
63) Azobenzene	10.551	77	1165023	50.897	ng	96
65) 4,6-Dinitro-2-methylph...	10.445	198	218280	60.702	ng	94
66) n-Nitrosodiphenylamine	10.510	169	981931	49.058	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	360627	50.477	ng	97
68) Hexachlorobenzene	10.945	284	403573	50.744	ng	96
69) Atrazine	11.039	200	348213	64.611	ng	99
70) Pentachlorophenol	11.139	266	489329	96.076	ng	99
71) Phenanthrene	11.357	178	1693345	50.828	ng	100
72) Anthracene	11.410	178	1675961	51.736	ng	99
73) Carbazole	11.563	167	1459608	49.139	ng	100
74) Di-n-butylphthalate	11.898	149	1819488	53.525	ng	100
75) Fluoranthene	12.545	202	1684364	50.664	ng	99
77) Benzidine	12.669	184	455833	66.650	ng	99
78) Pyrene	12.774	202	1659037	47.098	ng	99
80) Butylbenzylphthalate	13.398	149	624329	53.160	ng	98
81) Benzo(a)anthracene	13.968	228	1258723	50.150	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	260753	32.626	ng	99
83) Chrysene	14.004	228	1131266	48.169	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	782865	55.555	ng	99
85) Di-n-octyl phthalate	14.580	149	1272780	59.813	ng	97
87) Indeno(1,2,3-cd)pyrene	16.892	276	1359123	45.650	ng	98
88) Benzo(b)fluoranthene	15.015	252	1345819	51.358	ng	100
89) Benzo(k)fluoranthene	15.045	252	1089393	49.193	ng	99
90) Benzo(a)pyrene	15.380	252	1165067	53.888	ng	100
91) Dibenzo(a,h)anthracene	16.915	278	1097019	45.557	ng	98
92) Benzo(g,h,i)perylene	17.333	276	983130	39.251	ng	100

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

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