Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141980.D
Acq On : 17 Mar 2025 14:30
Operator : RC/JU
Sample : Q1585-01MS 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

Quant Time: Mar 17 15:35:21 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	138986	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	493410	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	238972	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	402192	20.000	ng		0.00
76) Chrysene-d12	14.045	240	316750	20.000	ng		0.00
86) Perylene-d12	15.521	264	247894	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	385727	46.319	ng		0.00
7) Phenol-d6	6.504	99	464515	43.810	ng		0.00
23) Nitrobenzene-d5	7.440	82	291625	33.261	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	136315	44.964	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	575675	36.636	ng		0.00
79) Terphenyl-d14	12.986	244	672453	31.387	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	81983	23.495	ng		98
3) Pyridine	3.452	79	167175	19.532	ng		98
4) n-Nitrosodimethylamine	3.381	42	90321	22.137	ng		99
6) Aniline	6.540	93	116059	11.096	ng		99
8) 2-Chlorophenol	6.663	128	204974	22.193	ng		99
9) Benzaldehyde	6.428	77	56854	9.588	ng		97
10) Phenol	6.516	94	239157	21.440	ng		99
11) bis(2-Chloroethyl)ether	6.610	93	188562	22.513	ng		98
12) 1,3-Dichlorobenzene	6.822	146	227613	22.827	ng		98
13) 1,4-Dichlorobenzene	6.898	146	228363	22.635	ng		99
14) 1,2-Dichlorobenzene	7.051	146	215726	22.702	ng		99
15) Benzyl Alcohol	7.016	79	176222	20.558	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	205690	20.341	ng		99
17) 2-Methylphenol	7.128	107	154631	21.057	ng		99
18) Hexachloroethane	7.393	117	81405	21.517	ng		97
19) n-Nitroso-di-n-propyla...	7.287	70	140789	20.665	ng		100
20) 3+4-Methylphenols	7.281	107	198449	21.098	ng	#	73
22) Acetophenone	7.287	105	308907	26.143	ng		99
24) Nitrobenzene	7.457	77	200900	23.049	ng		99
25) Isophorone	7.698	82	365609	23.590	ng		99
26) 2-Nitrophenol	7.775	139	92364	21.591	ng		99
27) 2,4-Dimethylphenol	7.810	122	162808	27.639	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	221519	22.788	ng		99
29) 2,4-Dichlorophenol	8.016	162	158783	21.717	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	182835	22.691	ng		98
31) Naphthalene	8.187	128	572869	22.602	ng		100
32) Benzoic acid	7.893	122	112548	21.736	ng		99
33) 4-Chloroaniline	8.228	127	72772	8.133	ng		99
34) Hexachlorobutadiene	8.298	225	126143	24.006	ng		99
35) Caprolactam	8.575	113	51580	23.139	ng		97
36) 4-Chloro-3-methylphenol	8.704	107	160103	19.630	ng		98
37) 2-Methylnaphthalene	8.875	142	354626	20.933	ng		100
38) 1-Methylnaphthalene	8.975	142	346641	21.204	ng		99
40) 1,2,4,5-Tetrachloroben...	9.040	216	196214	26.968	ng		99
41) Hexachlorocyclopentadiene	9.028	237	89081	31.285	ng		97
43) 2,4,6-Trichlorophenol	9.151	196	110558	23.251	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	113013	23.467	ng	99
46) 1,1'-Biphenyl	9.334	154	488892	26.925	ng	99
47) 2-Chloronaphthalene	9.363	162	318869	23.561	ng	98
48) 2-Nitroaniline	9.451	65	93476	23.855	ng	98
49) Acenaphthylene	9.775	152	529391	26.360	ng	100
50) Dimethylphthalate	9.634	163	400627	23.940	ng	99
51) 2,6-Dinitrotoluene	9.692	165	77976	22.379	ng	97
52) Acenaphthene	9.951	154	335924	23.801	ng	100
53) 3-Nitroaniline	9.863	138	68567	19.400	ng	98
54) 2,4-Dinitrophenol	9.969	184	16055	14.017	ng	97
55) Dibenzofuran	10.122	168	465340	23.075	ng	99
56) 4-Nitrophenol	10.016	139	134101	50.312	ng	98
57) 2,4-Dinitrotoluene	10.098	165	101899	22.391	ng	97
58) Fluorene	10.463	166	397162	25.538	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	94204	21.497	ng	99
60) Diethylphthalate	10.334	149	381123	22.840	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	181796	22.422	ng	97
62) 4-Nitroaniline	10.469	138	70786	20.572	ng	98
63) Azobenzene	10.616	77	349006	22.497	ng	94
65) 4,6-Dinitro-2-methylph...	10.504	198	13669	5.701	ng	90
66) n-Nitrosodiphenylamine	10.569	169	299065	22.978	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	110273	21.832	ng	99
68) Hexachlorobenzene	11.010	284	122537	22.119	ng	99
69) Atrazine	11.098	200	118551	29.713	ng	98
70) Pentachlorophenol	11.204	266	159828	46.825	ng	99
71) Phenanthrene	11.428	178	899069	41.387	ng	99
72) Anthracene	11.481	178	602091	27.626	ng	99
73) Carbazole	11.633	167	481700	25.628	ng	99
74) Di-n-butylphthalate	11.963	149	571030	22.896	ng	99
75) Fluoranthene	12.616	202	983960	42.700	ng	100
77) Benzidine	12.733	184	164890	37.312	ng	99
78) Pyrene	12.845	202	1004516	36.662	ng	99
80) Butylbenzylphthalate	13.463	149	236626	22.065	ng	98
81) Benzo(a)anthracene	14.033	228	669134	32.193	ng	97
82) 3,3'-Dichlorobenzidine	13.992	252	130151	21.668	ng	99
83) Chrysene	14.069	228	598647	31.773	ng	98
84) Bis(2-ethylhexyl)phtha...	14.022	149	334726	22.638	ng	99
85) Di-n-octyl phthalate	14.633	149	511488	24.861	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	396395	24.719	ng	95
88) Benzo(b)fluoranthene	15.086	252	567086	33.378	ng	98
89) Benzo(k)fluoranthene	15.116	252	350299	24.093	ng	98
90) Benzo(a)pyrene	15.457	252	430507	32.384	ng	98
91) Dibenzo(a,h)anthracene	17.027	278	282448	21.348	ng	98
92) Benzo(g,h,i)perylene	17.462	276	317558	24.288	ng	97

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

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