Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030325\
Data File : BF141820.D
Acq On : 03 Mar 2025 18:45
Operator : RC/JU
Sample : Q1475-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-02282025MSD

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025

Quant Time: Mar 04 00:13:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 28 01:48:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	110601	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	472405	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	295427	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	545054	20.000	ng	0.00
76) Chrysene-d12	14.057	240	364367	20.000	ng	0.00
86) Perylene-d12	15.527	264	325863	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	815896	117.809	ng	0.00
7) Phenol-d6	6.498	99	1078485	119.642	ng	-0.01
23) Nitrobenzene-d5	7.445	82	665051	89.987	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	377774	136.207	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1406930	76.362	ng	0.00
79) Terphenyl-d14	12.998	244	1843944	81.878	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.622	88	131982	41.999	ng	98
3) Pyridine	3.399	79	317118	40.559	ng	100
4) n-Nitrosodimethylamine	3.322	42	160981m	42.790	ng	
6) Aniline	6.546	93	240050	25.615	ng	100
8) 2-Chlorophenol	6.669	128	343798	45.890	ng	98
9) Benzaldehyde	6.434	77	127463	24.309	ng	100
10) Phenol	6.516	94	457969	47.544	ng	95
11) bis(2-Chloroethyl)ether	6.616	93	323506	44.059	ng	99
12) 1,3-Dichlorobenzene	6.828	146	356948	44.490	ng	99
13) 1,4-Dichlorobenzene	6.904	146	358427	44.337	ng	99
14) 1,2-Dichlorobenzene	7.057	146	349753	46.332	ng	97
15) Benzyl Alcohol	7.022	79	307475	42.680	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	499260	44.773	ng	97
17) 2-Methylphenol	7.128	107	289987	46.893	ng	99
18) Hexachloroethane	7.404	117	133353	44.073	ng	98
19) n-Nitroso-di-n-propyla...	7.293	70	256742	43.327	ng	97
20) 3+4-Methylphenols	7.281	107	385146	50.017	ng	98
22) Acetophenone	7.293	105	543135	47.207	ng	98
24) Nitrobenzene	7.463	77	377448	47.692	ng	99
25) Isophorone	7.704	82	706853	44.519	ng	100
26) 2-Nitrophenol	7.781	139	151460	43.330	ng	97
27) 2,4-Dimethylphenol	7.816	122	319502	54.742	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	418550	41.325	ng	99
29) 2,4-Dichlorophenol	8.016	162	316178	46.958	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	323179	43.803	ng	98
31) Naphthalene	8.192	128	1119771	46.120	ng	99
32) Benzoic acid	7.898	122	244327	49.810	ng	99
33) 4-Chloroaniline	8.234	127	153722	17.267	ng	99
34) Hexachlorobutadiene	8.310	225	190488	41.548	ng	97
35) Caprolactam	8.587	113	135612m	65.471	ng	
36) 4-Chloro-3-methylphenol	8.710	107	371626	49.685	ng	96
37) 2-Methylnaphthalene	8.881	142	763209	47.924	ng	99
38) 1-Methylnaphthalene	8.981	142	743009	48.624	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	382857	44.872	ng	99
41) Hexachlorocyclopentadiene	9.034	237	265844	74.660	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	251773	45.681	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	260124	47.662	ng		99
46) 1,1'-Biphenyl	9.345	154	1073962	47.760	ng		99
47) 2-Chloronaphthalene	9.369	162	741119	44.654	ng		97
48) 2-Nitroaniline	9.463	65	236394	51.670	ng		97
49) Acenaphthylene	9.787	152	1232367	49.525	ng		99
50) Dimethylphthalate	9.645	163	870106	43.980	ng		99
51) 2,6-Dinitrotoluene	9.704	165	190057	50.087	ng		97
52) Acenaphthene	9.957	154	1068759	63.653	ng		100
53) 3-Nitroaniline	9.869	138	162885	40.874	ng	#	96
54) 2,4-Dinitrophenol	9.975	184	142970	81.667	ng	#	9
55) Dibenzofuran	10.134	168	1272025	52.050	ng		98
56) 4-Nitrophenol	10.022	139	408817	139.909	ng		98
57) 2,4-Dinitrotoluene	10.104	165	273781	58.400	ng		99
58) Fluorene	10.475	166	1187140	64.850	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	244933	51.602	ng		99
60) Diethylphthalate	10.345	149	900702	45.413	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	419858	45.777	ng		99
62) 4-Nitroaniline	10.481	138	210583	62.328	ng		95
63) Azobenzene	10.628	77	1105808	52.953	ng		89
65) 4,6-Dinitro-2-methylph...	10.510	198	102050	41.155	ng		96
66) n-Nitrosodiphenylamine	10.581	169	802757	44.853	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	274340	43.092	ng		98
68) Hexachlorobenzene	11.022	284	294663	43.830	ng		100
69) Atrazine	11.110	200	313116	63.618	ng		99
70) Pentachlorophenol	11.216	266	394143	92.439	ng		100
71) Phenanthrene	11.439	178	3866700	132.626	ng		99
72) Anthracene	11.492	178	2295577	78.562	ng		100
73) Carbazole	11.639	167	1695666	65.715	ng		100
74) Di-n-butylphthalate	11.975	149	1535009	46.931	ng		99
75) Fluoranthene	12.633	202	4553566	152.425	ng		98
77) Benzidine	12.745	184	577625	125.952	ng		99
78) Pyrene	12.857	202	3929924	124.554	ng		96
80) Butylbenzylphthalate	13.475	149	591936	51.636	ng		98
81) Benzo(a)anthracene	14.045	228	2686577	111.629	ng		98
82) 3,3'-Dichlorobenzidine	14.004	252	201094	29.123	ng		99
83) Chrysene	14.080	228	2156229	97.191	ng		98
84) Bis(2-ethylhexyl)phtha...	14.033	149	799872	56.038	ng		100
85) Di-n-octyl phthalate	14.645	149	1237973	57.932	ng		99
87) Indeno(1,2,3-cd)pyrene	17.027	276	1274356	61.415	ng		97
88) Benzo(b)fluoranthene	15.098	252	2307739	103.967	ng		98
89) Benzo(k)fluoranthene	15.127	252	1240064m	65.729	ng		
90) Benzo(a)pyrene	15.468	252	1736263	97.534	ng		98
91) Dibenzo(a,h)anthracene	17.045	278	800626	47.270	ng		98
92) Benzo(g,h,i)perylene	17.480	276	1009379	58.172	ng		99

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

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