Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
Data File : BF141669.D
Acq On : 18 Feb 2025 18:58
Operator : RC/JU
Sample : Q1374-01MSD 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MSD

Quant Time: Feb 19 00:14:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	73488	20.000	ng		-0.01
21) Naphthalene-d8	8.063	136	272030	20.000	ng		-0.01
39) Acenaphthene-d10	9.816	164	111930	20.000	ng		-0.02
64) Phenanthrene-d10	11.298	188	157452	20.000	ng		-0.02
76) Chrysene-d12	13.939	240	156227	20.000	ng		-0.02
86) Perylene-d12	15.380	264	108955	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.398	112	104946	22.388	ng		-0.01
7) Phenol-d6	6.422	99	130707	22.062	ng		-0.02
23) Nitrobenzene-d5	7.339	82	78764	15.102	ng		-0.02
42) 2,4,6-Tribromophenol	10.604	330	20058	17.839	ng		-0.02
45) 2-Fluorobiphenyl	9.133	172	136015	18.722	ng		-0.02
79) Terphenyl-d14	12.880	244	113668	12.283	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.463	88	15452	8.190	ng		97
3) Pyridine	3.210	79	32465m	7.231	ng		
4) n-Nitrosodimethylamine	3.140	42	21828m	7.343	ng		
6) Aniline	6.445	93	25427	4.575	ng		91
8) 2-Chlorophenol	6.569	128	42439	8.379	ng		99
9) Benzaldehyde	6.334	77	20964	6.659	ng	#	81
10) Phenol	6.434	94	51520	8.355	ng		86
11) bis(2-Chloroethyl)ether	6.510	93	37100	8.010	ng		97
12) 1,3-Dichlorobenzene	6.722	146	45226	8.458	ng		97
13) 1,4-Dichlorobenzene	6.798	146	46726	8.553	ng		98
14) 1,2-Dichlorobenzene	6.951	146	43499	8.579	ng		99
15) Benzyl Alcohol	6.928	79	29619	6.519	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	63890	8.058	ng		77
17) 2-Methylphenol	7.045	107	32386	8.171	ng		92
18) Hexachloroethane	7.292	117	21185	10.478	ng		96
19) n-Nitroso-di-n-propyla...	7.187	70	29038	8.194	ng		99
20) 3+4-Methylphenols	7.204	107	41557	8.250	ng	#	66
22) Acetophenone	7.187	105	79343	11.725	ng	#	89
24) Nitrobenzene	7.363	77	41983	8.255	ng		99
25) Isophorone	7.598	82	78717	9.466	ng	#	95
26) 2-Nitrophenol	7.681	139	21832	8.628	ng	#	95
27) 2,4-Dimethylphenol	7.722	122	30918	10.460	ng		94
28) bis(2-Chloroethoxy)met...	7.810	93	47877	8.985	ng		98
29) 2,4-Dichlorophenol	7.945	162	32548	8.150	ng		97
30) 1,2,4-Trichlorobenzene	8.004	180	36455	8.382	ng		99
31) Naphthalene	8.086	128	130670	9.228	ng		99
32) Benzoic acid	7.822	122	7393m	2.408	ng		
33) 4-Chloroaniline	8.145	127	14434	2.920	ng	#	92
34) Hexachlorobutadiene	8.198	225	22274	8.531	ng		98
35) Caprolactam	8.475	113	13292	10.931	ng	#	57
36) 4-Chloro-3-methylphenol	8.628	107	32127	7.262	ng		97
37) 2-Methylnaphthalene	8.775	142	78898	8.562	ng		97
38) 1-Methylnaphthalene	8.875	142	74372	8.333	ng		97
40) 1,2,4,5-Tetrachloroben...	8.939	216	36385	11.236	ng		99
41) Hexachlorocyclopentadiene	8.928	237	938	0.871	ng		93
43) 2,4,6-Trichlorophenol	9.057	196	18878	9.020	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	17773	7.836	ng	#	78
46) 1,1'-Biphenyl	9.239	154	102224	11.780	ng		99
47) 2-Chloronaphthalene	9.263	162	63463	9.890	ng		98
48) 2-Nitroaniline	9.363	65	18587	8.631	ng		96
49) Acenaphthylene	9.675	152	91769	9.615	ng		98
50) Dimethylphthalate	9.533	163	70753	9.311	ng	#	98
51) 2,6-Dinitrotoluene	9.598	165	14119	8.500	ng		94
52) Acenaphthene	9.845	154	55717	8.683	ng		99
53) 3-Nitroaniline	9.775	138	10431	5.834	ng	#	96
54) 2,4-Dinitrophenol	9.904	184	1493	1.512	ng	#	30
55) Dibenzofuran	10.022	168	82599	8.770	ng		99
56) 4-Nitrophenol	9.975	139	11397	8.587	ng	#	86
57) 2,4-Dinitrotoluene	10.010	165	18032	8.154	ng	#	95
58) Fluorene	10.363	166	60445	8.300	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.145	232	13616	6.972	ng	#	82
60) Diethylphthalate	10.233	149	63792	8.533	ng		99
61) 4-Chlorophenyl-phenyle...	10.357	204	30040	8.574	ng		99
62) 4-Nitroaniline	10.380	138	12375	6.817	ng		93
63) Azobenzene	10.516	77	57356	7.717	ng		92
65) 4,6-Dinitro-2-methylph...	10.422	198	2355	2.153	ng	#	1
66) n-Nitrosodiphenylamine	10.469	169	53181	10.551	ng		95
67) 4-Bromophenyl-phenylether	10.845	248	15197	8.636	ng		91
68) Hexachlorobenzene	10.910	284	15894	8.771	ng		94
69) Atrazine	10.998	200	17361	11.482	ng		97
70) Pentachlorophenol	11.116	266	11548m	9.967	ng		
71) Phenanthrene	11.322	178	87302	10.073	ng		99
72) Anthracene	11.374	178	82172	9.432	ng		99
73) Carbazole	11.533	167	70206	8.956	ng		98
74) Di-n-butylphthalate	11.863	149	76638	8.467	ng		99
75) Fluoranthene	12.510	202	102228	11.125	ng		100
77) Benzidine	12.645	184	31586	9.167	ng		97
78) Pyrene	12.739	202	113942	8.568	ng		99
80) Butylbenzylphthalate	13.357	149	36830	7.995	ng		100
81) Benzo(a)anthracene	13.927	228	95084	9.156	ng		99
82) 3,3'-Dichlorobenzidine	13.892	252	23559	7.919	ng		99
83) Chrysene	13.963	228	88665	9.247	ng		99
84) Bis(2-ethylhexyl)phtha...	13.916	149	51089	9.834	ng		100
85) Di-n-octyl phthalate	14.527	149	79677	10.750	ng		96
87) Indeno(1,2,3-cd)pyrene	16.809	276	52805	7.844	ng		100
88) Benzo(b)fluoranthene	14.963	252	63280	8.650	ng		97
89) Benzo(k)fluoranthene	14.992	252	64157m	10.270	ng		
90) Benzo(a)pyrene	15.321	252	57380	9.693	ng		99
91) Dibenzo(a,h)anthracene	16.821	278	42862	7.857	ng	#	96
92) Benzo(g,h,i)perylene	17.239	276	43590	7.636	ng		99

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

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