Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
Data File : BF127518.D
Acq On : 25 Mar 2022 09:48
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Mar 28 05:16:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 22 02:16:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	95781	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	332572	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	197392	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	340208	20.000	ng	0.00
76) Chrysene-d12	14.027	240	213226	20.000	ng	0.00
86) Perylene-d12	15.509	264	166568	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	518552	86.418	ng	0.00
7) Phenol-d6	6.492	99	704661	85.911	ng	0.00
23) Nitrobenzene-d5	7.422	82	670567	86.189	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	175802	83.607	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1106078	81.824	ng	0.00
79) Terphenyl-d14	12.962	244	1183530	90.864	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.604	88	127580	48.409	ng	96
3) Pyridine	3.369	79	325708	43.787	ng	96
4) n-Nitrosodimethylamine	3.351	42	175765	43.037	ng	94
6) Aniline	6.522	93	426572	43.581	ng	97
8) 2-Chlorophenol	6.639	128	269763	43.993	ng	99
9) Benzaldehyde	6.410	77	177608	42.725	ng	96
10) Phenol	6.504	94	385633	43.172	ng	99
11) bis(2-Chloroethyl)ether	6.586	93	288815	44.188	ng	98
12) 1,3-Dichlorobenzene	6.786	146	292101	42.353	ng	98
13) 1,4-Dichlorobenzene	6.863	146	294887	42.507	ng	98
14) 1,2-Dichlorobenzene	7.022	146	270845	40.085	ng	99
15) Benzyl Alcohol	6.998	79	253839	42.584	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	513486	43.658	ng	89
17) 2-Methylphenol	7.110	107	222142	42.926	ng	92
18) Hexachloroethane	7.351	117	110166	43.376	ng	92
19) n-Nitroso-di-n-propyla...	7.269	70	210245	42.763	ng	98
20) 3+4-Methylphenols	7.263	107	272163	42.640	ng	96
22) Acetophenone	7.263	105	361552	42.529	ng	97
24) Nitrobenzene	7.439	77	323695	43.626	ng	98
25) Isophorone	7.675	82	568906	45.910	ng	99
26) 2-Nitrophenol	7.751	139	137224	44.097	ng	97
27) 2,4-Dimethylphenol	7.786	122	208292	44.497	ng	97
28) bis(2-Chloroethoxy)met...	7.880	93	362937	45.087	ng	100
29) 2,4-Dichlorophenol	7.998	162	238122	44.810	ng	97
30) 1,2,4-Trichlorobenzene	8.075	180	266891	43.100	ng	98
31) Naphthalene	8.157	128	768406	43.519	ng	99
32) Benzoic acid	7.945	122	100237	38.611	ng	96
33) 4-Chloroaniline	8.210	127	310629	45.400	ng	100
34) Hexachlorobutadiene	8.263	225	171007	43.489	ng	98
35) Caprolactam	8.604	113	76176	46.498	ng	93
36) 4-Chloro-3-methylphenol	8.698	107	255586	44.329	ng	100
37) 2-Methylnaphthalene	8.845	142	504675	44.451	ng	99
38) 1-Methylnaphthalene	8.945	142	479920	42.749	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	258905	41.252	ng	100
41) Hexachlorocyclopentadiene	8.986	237	47368	33.709	ng	96
43) 2,4,6-Trichlorophenol	9.127	196	167522	44.157	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.174	196	171550	43.928	ng		97
46) 1,1'-Biphenyl	9.310	154	619855	41.578	ng		99
47) 2-Chloronaphthalene	9.339	162	489971	41.736	ng		98
48) 2-Nitroaniline	9.445	65	195787	43.514	ng		96
49) Acenaphthylene	9.751	152	734618	41.391	ng		100
50) Dimethylphthalate	9.610	163	594094	43.263	ng		98
51) 2,6-Dinitrotoluene	9.686	165	125182	43.427	ng	#	84
52) Acenaphthene	9.921	154	436760	42.178	ng		99
53) 3-Nitroaniline	9.863	138	135648	42.899	ng		93
54) 2,4-Dinitrophenol	9.974	184	50002	39.332	ng		95
55) Dibenzofuran	10.098	168	671515	44.938	ng		98
56) 4-Nitrophenol	10.033	139	60922	37.855	ng		97
57) 2,4-Dinitrotoluene	10.092	165	155885	42.014	ng		96
58) Fluorene	10.439	166	532992	44.398	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.221	232	147953	42.850	ng		98
60) Diethylphthalate	10.310	149	541204	43.150	ng		99
61) 4-Chlorophenyl-phenyle...	10.427	204	287349	40.487	ng		99
62) 4-Nitroaniline	10.480	138	126601	42.745	ng		96
63) Azobenzene	10.592	77	633764	42.823	ng		99
65) 4,6-Dinitro-2-methylph...	10.504	198	97226	46.444	ng		98
66) n-Nitrosodiphenylamine	10.551	169	454700	43.906	ng		99
67) 4-Bromophenyl-phenylether	10.921	248	176924	44.543	ng		98
68) Hexachlorobenzene	10.986	284	191237	44.108	ng		98
69) Atrazine	11.080	200	153026	44.386	ng		98
70) Pentachlorophenol	11.192	266	66372	43.050	ng		94
71) Phenanthrene	11.404	178	762362	42.983	ng		99
72) Anthracene	11.457	178	759560	43.154	ng		99
73) Carbazole	11.616	167	725069	43.076	ng		100
74) Di-n-butylphthalate	11.933	149	824540	47.324	ng		99
75) Fluoranthene	12.598	202	819773	42.022	ng		98
77) Benzidine	12.721	184	211006	41.503	ng		99
78) Pyrene	12.827	202	820477	44.836	ng		99
80) Butylbenzylphthalate	13.433	149	300910	49.962	ng		95
81) Benzo(a)anthracene	14.015	228	618047	43.343	ng		99
82) 3,3'-Dichlorobenzidine	13.974	252	178028	42.480	ng		97
83) Chrysene	14.057	228	586816	43.459	ng		100
84) Bis(2-ethylhexyl)phtha...	13.980	149	359082	51.576	ng		98
85) Di-n-octyl phthalate	14.598	149	509042	54.945	ng		100
87) Indeno(1,2,3-cd)pyrene	17.015	276	482494	42.808	ng		99
88) Benzo(b)fluoranthene	15.074	252	439730	41.869	ng		99
89) Benzo(k)fluoranthene	15.104	252	462419	42.472	ng		99
90) Benzo(a)pyrene	15.445	252	378258	43.885	ng		98
91) Dibenzo(a,h)anthracene	17.021	278	404817	43.503	ng		97
92) Benzo(g,h,i)perylene	17.474	276	400567	41.646	ng		100

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

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