Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
Data File : BF136461.D
Acq On : 07 Dec 2023 22:44
Operator : CG\JU
Sample : 05629-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-216MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

Quant Time: Dec 08 00:44:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	112102	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	403610	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	171283	20.000	ng		0.00
64) Phenanthrene-d10	11.333	188	230229	20.000	ng		0.00
76) Chrysene-d12	13.986	240	216744	20.000	ng		0.00
86) Perylene-d12	15.457	264	202991	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	727530	95.844	ng		0.02
7) Phenol-d6	6.451	99	864080	91.238	ng		0.00
23) Nitrobenzene-d5	7.363	82	506501	67.842	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	151976	71.961	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	846729	67.453	ng		0.00
79) Terphenyl-d14	12.922	244	749861	45.600	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	110588	36.834	ng		98
3) Pyridine	3.393	79	265034	36.452	ng		98
4) n-Nitrosodimethylamine	3.363	42	126397	40.013	ng		100
6) Aniline	6.463	93	186302	19.465	ng	#	1
8) 2-Chlorophenol	6.593	128	327437	39.513	ng		98
9) Benzaldehyde	6.351	77	131895	25.191	ng		98
10) Phenol	6.463	94	374481	37.160	ng		90
11) bis(2-Chloroethyl)ether	6.540	93	299859	39.919	ng		98
12) 1,3-Dichlorobenzene	6.740	146	352839	37.861	ng		98
13) 1,4-Dichlorobenzene	6.816	146	356796	37.741	ng		98
14) 1,2-Dichlorobenzene	6.969	146	336265	37.826	ng		99
15) Benzyl Alcohol	6.945	79	257249	40.564	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	362498	37.521	ng		85
17) 2-Methylphenol	7.063	107	250259	37.380	ng		93
18) Hexachloroethane	7.310	117	119414	36.180	ng		94
19) n-Nitroso-di-n-propyla...	7.216	70	205326	37.584	ng		99
20) 3+4-Methylphenols	7.216	107	306397	36.871	ng	#	85
22) Acetophenone	7.210	105	444827	44.632	ng	#	97
24) Nitrobenzene	7.381	77	304319	40.519	ng		100
25) Isophorone	7.622	82	554739	41.358	ng		100
26) 2-Nitrophenol	7.698	139	150753	40.829	ng		95
27) 2,4-Dimethylphenol	7.745	122	230491	50.626	ng		98
28) bis(2-Chloroethoxy)met...	7.840	93	350513	42.527	ng		98
29) 2,4-Dichlorophenol	7.945	162	246113	40.954	ng		99
30) 1,2,4-Trichlorobenzene	8.022	180	284875	40.653	ng		98
31) Naphthalene	8.116	128	4868563	218.738	ng		97
32) Benzoic acid	7.857	122	151665m	33.580	ng		
33) 4-Chloroaniline	8.151	127	70681	8.908	ng		98
34) Hexachlorobutadiene	8.216	225	165309	39.805	ng		97
35) Caprolactam	8.522	113	68549	37.041	ng		96
36) 4-Chloro-3-methylphenol	8.645	107	227487	35.652	ng		99
37) 2-Methylnaphthalene	8.804	142	2314332	163.442	ng		100
38) 1-Methylnaphthalene	8.898	142	1441480	103.742	ng		100
40) 1,2,4,5-Tetrachloroben...	8.957	216	249651	46.849	ng		100
41) Hexachlorocyclopentadiene	8.945	237	120070	60.819	ng		100
43) 2,4,6-Trichlorophenol	9.075	196	145960	42.066	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	147316	38.041	ng		95
46) 1,1'-Biphenyl	9.263	154	1299251	89.146	ng		99
47) 2-Chloronaphthalene	9.281	162	465222	41.012	ng		98
48) 2-Nitroaniline	9.386	65	124601	40.955	ng		91
49) Acenaphthylene	9.698	152	696900	43.127	ng		98
50) Dimethylphthalate	9.563	163	518720	41.134	ng		99
51) 2,6-Dinitrotoluene	9.628	165	104361	36.786	ng		89
52) Acenaphthene	9.881	154	1980532	191.263	ng		98
53) 3-Nitroaniline	9.798	138	71338	24.624	ng		98
54) 2,4-Dinitrophenol	9.910	184	24838	17.316	ng	#	17
55) Dibenzofuran	10.057	168	2923881	193.284	ng		98
56) 4-Nitrophenol	9.969	139	159808	73.584	ng		93
57) 2,4-Dinitrotoluene	10.039	165	127507	33.975	ng	#	72
58) Fluorene	10.404	166	2535014	208.760	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.169	232	103234	33.280	ng	#	77
60) Diethylphthalate	10.269	149	442629	35.695	ng		98
61) 4-Chlorophenyl-phenyle...	10.386	204	191977	32.430	ng		96
62) 4-Nitroaniline	10.404	138	90237	31.369	ng		82
63) Azobenzene	10.539	77	369157	32.707	ng	#	63
65) 4,6-Dinitro-2-methylph...	10.445	198	19837	13.913	ng		91
66) n-Nitrosodiphenylamine	10.498	169	436236	59.050	ng		90
67) 4-Bromophenyl-phenylether	10.869	248	116986	43.704	ng	#	88
68) Hexachlorobenzene	10.945	284	123925	40.057	ng	#	91
69) Atrazine	11.039	200	111621	52.938	ng		99
70) Pentachlorophenol	11.145	266	147834	84.667	ng		98
71) Phenanthrene	11.375	178	5980445	472.597	ng		97
72) Anthracene	11.416	178	1356684	106.442	ng		99
73) Carbazole	11.563	167	772395	68.469	ng		99
74) Di-n-butylphthalate	11.898	149	582922	42.151	ng		99
75) Fluoranthene	12.563	202	3376361	254.606	ng		99
77) Benzidine	12.674	184	313634	52.374	ng		98
78) Pyrene	12.786	202	2563469	120.764	ng		99
80) Butylbenzylphthalate	13.404	149	271868	35.978	ng		99
81) Benzo(a)anthracene	13.974	228	1268448	84.017	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	119335	28.191	ng		99
83) Chrysene	14.016	228	1060072	71.366	ng		99
84) Bis(2-ethylhexyl)phtha...	13.969	149	380514	41.077	ng	#	99
85) Di-n-octyl phthalate	14.580	149	726563	53.099	ng		98
87) Indeno(1,2,3-cd)pyrene	16.968	276	488740	34.657	ng		99
88) Benzo(b)fluoranthene	15.027	252	768645	55.382	ng		98
89) Benzo(k)fluoranthene	15.057	252	579513	44.306	ng		99
90) Benzo(a)pyrene	15.398	252	549251	47.920	ng		100
91) Dibenzo(a,h)anthracene	16.986	278	399764	34.602	ng		99
92) Benzo(g,h,i)perylene	17.421	276	370214	31.220	ng		99

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

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