Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
Data File : BF137024.D
Acq On : 10 Jan 2024 17:24
Operator : CG\JU
Sample : P1085-07MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

Quant Time: Jan 11 00:00:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	54480	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	199687	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	90277	20.000	ng		0.00
64) Phenanthrene-d10	11.310	188	144213	20.000	ng		0.00
76) Chrysene-d12	13.975	240	124985	20.000	ng		0.00
86) Perylene-d12	15.463	264	149697	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	231836	66.397	ng		0.00
7) Phenol-d6	6.440	99	350174	77.397	ng		0.00
23) Nitrobenzene-d5	7.351	82	224889	57.629	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	50366	47.372	ng		0.00
45) 2-Fluorobiphenyl	9.140	172	427311	63.663	ng		-0.01
79) Terphenyl-d14	12.904	244	375991	42.040	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	53665	36.887	ng		95
3) Pyridine	3.363	79	120869	34.051	ng		98
4) n-Nitrosodimethylamine	3.334	42	66049m	34.844	ng		
6) Aniline	6.451	93	105178	23.252	ng	#	8
8) 2-Chlorophenol	6.575	128	134384	35.169	ng		99
9) Benzaldehyde	6.340	77	21280	8.269	ng		96
10) Phenol	6.451	94	157319	32.573	ng		95
11) bis(2-Chloroethyl)ether	6.522	93	128471	34.977	ng		98
12) 1,3-Dichlorobenzene	6.728	146	148062	35.520	ng		96
13) 1,4-Dichlorobenzene	6.804	146	148721	34.918	ng		97
14) 1,2-Dichlorobenzene	6.951	146	140018	35.330	ng		98
15) Benzyl Alcohol	6.934	79	104956	34.386	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	202384	33.702	ng		60
17) 2-Methylphenol	7.051	107	104084	32.881	ng		95
18) Hexachloroethane	7.287	117	53007	34.269	ng		97
19) n-Nitroso-di-n-propyla...	7.198	70	92901	33.873	ng		94
20) 3+4-Methylphenols	7.204	107	131456	33.241	ng	#	58
22) Acetophenone	7.193	105	188215	37.604	ng	#	88
24) Nitrobenzene	7.369	77	131776	33.710	ng		94
25) Isophorone	7.604	82	240826	33.916	ng		98
26) 2-Nitrophenol	7.681	139	69309	37.058	ng		97
27) 2,4-Dimethylphenol	7.722	122	94468	41.488	ng		97
28) bis(2-Chloroethoxy)met...	7.810	93	151991	35.214	ng		99
29) 2,4-Dichlorophenol	7.928	162	101761	34.714	ng		97
30) 1,2,4-Trichlorobenzene	8.004	180	115081	35.234	ng		99
31) Naphthalene	8.081	128	383794	34.985	ng		99
32) Benzoic acid	7.857	122	61061	27.716	ng		91
33) 4-Chloroaniline	8.140	127	49753	12.283	ng		97
34) Hexachlorobutadiene	8.193	225	70141	35.346	ng		99
35) Caprolactam	8.510	113	31065	32.123	ng	#	84
36) 4-Chloro-3-methylphenol	8.634	107	103964	31.503	ng		98
37) 2-Methylnaphthalene	8.775	142	235419	33.345	ng		100
38) 1-Methylnaphthalene	8.875	142	223453	32.260	ng		100
40) 1,2,4,5-Tetrachloroben...	8.940	216	116106	41.528	ng		100
41) Hexachlorocyclopentadiene	8.922	237	51728	59.373	ng		97
43) 2,4,6-Trichlorophenol	9.063	196	68475	38.190	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	68800	34.433	ng		95
46) 1,1'-Biphenyl	9.240	154	304801	40.234	ng		98
47) 2-Chloronaphthalene	9.263	162	213146	37.010	ng		99
48) 2-Nitroaniline	9.369	65	63398	35.154	ng		97
49) Acenaphthylene	9.681	152	346693	39.385	ng		100
50) Dimethylphthalate	9.539	163	243996	37.002	ng		100
51) 2,6-Dinitrotoluene	9.610	165	52264	34.923	ng		92
52) Acenaphthene	9.851	154	197456	36.186	ng		97
53) 3-Nitroaniline	9.781	138	38997	24.599	ng		98
54) 2,4-Dinitrophenol	9.898	184	26359	34.032	ng	#	84
55) Dibenzofuran	10.028	168	298874	36.133	ng		97
56) 4-Nitrophenol	9.969	139	51428	48.056	ng		94
57) 2,4-Dinitrotoluene	10.022	165	61713	31.765	ng		93
58) Fluorene	10.369	166	230648	35.143	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	50084	32.563	ng		98
60) Diethylphthalate	10.245	149	237396	34.698	ng		98
61) 4-Chlorophenyl-phenyle...	10.363	204	112434	35.244	ng		94
62) 4-Nitroaniline	10.398	138	42112	27.556	ng		95
63) Azobenzene	10.522	77	210404	32.926	ng		98
65) 4,6-Dinitro-2-methylph...	10.434	198	21810	26.389	ng		91
66) n-Nitrosodiphenylamine	10.481	169	196150	41.870	ng		98
67) 4-Bromophenyl-phenylether	10.851	248	63644	39.738	ng		99
68) Hexachlorobenzene	10.922	284	67396	37.761	ng		98
69) Atrazine	11.016	200	58747	49.029	ng		98
70) Pentachlorophenol	11.128	266	41272	49.610	ng		98
71) Phenanthrene	11.339	178	298338	40.318	ng		99
72) Anthracene	11.392	178	293100	39.112	ng		99
73) Carbazole	11.551	167	264026	37.369	ng		100
74) Di-n-butylphthalate	11.875	149	336677	39.051	ng		100
75) Fluoranthene	12.533	202	319141	40.321	ng		98
77) Benzidine	12.663	184	118908	32.266	ng		98
78) Pyrene	12.763	202	337277	27.489	ng		100
80) Butylbenzylphthalate	13.386	149	140558	31.484	ng		98
81) Benzo(a)anthracene	13.963	228	331082	38.148	ng		98
82) 3,3'-Dichlorobenzidine	13.927	252	93783	38.050	ng		97
83) Chrysene	13.998	228	309224	36.435	ng		97
84) Bis(2-ethylhexyl)phtha...	13.945	149	213800	38.062	ng		98
85) Di-n-octyl phthalate	14.563	149	393466	45.284	ng		97
87) Indeno(1,2,3-cd)pyrene	16.986	276	335057	31.000	ng		100
88) Benzo(b)fluoranthene	15.027	252	344800	34.486	ng		99
89) Benzo(k)fluoranthene	15.057	252	318783	33.742	ng		99
90) Benzo(a)pyrene	15.398	252	301440	35.717	ng		99
91) Dibenzo(a,h)anthracene	17.004	278	282967	31.912	ng		97
92) Benzo(g,h,i)perylene	17.451	276	245389	27.020	ng		99

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

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