Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140880.D
Acq On : 17 Dec 2024 13:01
Operator : RC/JU
Sample : P5239-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

Quant Time: Dec 17 13:48:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	52137	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	197068	20.000	ng		0.00
39) Acenaphthene-d10	9.881	164	108708	20.000	ng		0.00
64) Phenanthrene-d10	11.375	188	196074	20.000	ng		0.00
76) Chrysene-d12	14.021	240	151657	20.000	ng		-0.01
86) Perylene-d12	15.510	264	157034	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	449566	141.947	ng		0.02
7) Phenol-d6	6.504	99	558956	133.246	ng		0.00
23) Nitrobenzene-d5	7.416	82	400984	101.801	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	190871	148.456	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	809398	102.366	ng		0.00
79) Terphenyl-d14	12.957	244	881881	91.694	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.781	88	54515	39.961	ng	#	82
3) Pyridine	3.546	79	94078	29.778	ng		98
4) n-Nitrosodimethylamine	3.452	42	74560	46.815	ng		99
6) Aniline	6.528	93	50901	14.192	ng	#	69
8) 2-Chlorophenol	6.645	128	172703	50.004	ng		99
9) Benzaldehyde	6.428	77	5456	2.347	ng		97
10) Phenol	6.516	94	197691	45.470	ng		82
11) bis(2-Chloroethyl)ether	6.587	93	163054	50.289	ng		99
12) 1,3-Dichlorobenzene	6.793	146	174078	44.233	ng		98
13) 1,4-Dichlorobenzene	6.869	146	179265	44.874	ng		100
14) 1,2-Dichlorobenzene	7.022	146	170407	45.211	ng		97
15) Benzyl Alcohol	7.004	79	157724	52.586	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	199651	52.271	ng		94
17) 2-Methylphenol	7.116	107	139412	50.559	ng		97
18) Hexachloroethane	7.357	117	66754	44.887	ng		99
19) n-Nitroso-di-n-propyla...	7.263	70	125746	49.972	ng		100
20) 3+4-Methylphenols	7.275	107	183971	50.315	ng	#	82
22) Acetophenone	7.263	105	250532	50.821	ng		97
24) Nitrobenzene	7.434	77	189987	47.082	ng		99
25) Isophorone	7.675	82	339384	51.423	ng		99
26) 2-Nitrophenol	7.751	139	93195	50.145	ng		99
27) 2,4-Dimethylphenol	7.792	122	137849	63.511	ng		98
28) bis(2-Chloroethoxy)met...	7.875	93	208526	50.587	ng		99
29) 2,4-Dichlorophenol	8.004	162	150856	50.343	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	156877	45.669	ng		99
31) Naphthalene	8.151	128	519041	47.948	ng		99
32) Benzoic acid	7.934	122	96716	46.984	ng		99
33) 4-Chloroaniline	8.210	127	39993	11.124	ng		96
34) Hexachlorobutadiene	8.257	225	104264	45.114	ng		99
35) Caprolactam	8.581	113	35738m	40.061	ng		
36) 4-Chloro-3-methylphenol	8.698	107	161522	47.892	ng		98
37) 2-Methylnaphthalene	8.839	142	353017	49.298	ng		99
38) 1-Methylnaphthalene	8.939	142	327118	46.190	ng		100
40) 1,2,4,5-Tetrachloroben...	9.010	216	176155	52.721	ng		99
41) Hexachlorocyclopentadiene	8.986	237	93098	78.480	ng		99
43) 2,4,6-Trichlorophenol	9.128	196	107504	52.545	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	111557	49.608	ng		99
46) 1,1'-Biphenyl	9.304	154	451076	52.182	ng		99
47) 2-Chloronaphthalene	9.334	162	334882	50.640	ng		100
48) 2-Nitroaniline	9.434	65	98525	49.331	ng		99
49) Acenaphthylene	9.745	152	542600	55.833	ng		99
50) Dimethylphthalate	9.604	163	393938	51.400	ng		100
51) 2,6-Dinitrotoluene	9.675	165	84498	48.227	ng		95
52) Acenaphthene	9.916	154	329223	53.033	ng		99
53) 3-Nitroaniline	9.851	138	30700	17.656	ng		98
54) 2,4-Dinitrophenol	9.969	184	86907	99.888	ng		97
55) Dibenzofuran	10.092	168	500977	52.080	ng		100
56) 4-Nitrophenol	10.033	139	75888	81.075	ng		87
57) 2,4-Dinitrotoluene	10.086	165	112469	48.787	ng		97
58) Fluorene	10.433	166	403603	50.858	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	97784	53.364	ng		98
60) Diethylphthalate	10.304	149	404643	50.915	ng		100
61) 4-Chlorophenyl-phenyle...	10.422	204	202982	50.919	ng		99
62) 4-Nitroaniline	10.463	138	71928	39.586	ng		100
63) Azobenzene	10.580	77	376056	50.332	ng		99
65) 4,6-Dinitro-2-methylph...	10.498	198	62215	55.996	ng		98
66) n-Nitrosodiphenylamine	10.545	169	318263	52.794	ng		99
67) 4-Bromophenyl-phenylether	10.910	248	120607	54.983	ng		99
68) Hexachlorobenzene	10.980	284	133691	53.756	ng		97
69) Atrazine	11.069	200	64701	38.429	ng		99
70) Pentachlorophenol	11.186	266	104724	115.174	ng		98
71) Phenanthrene	11.398	178	547723	54.322	ng		100
72) Anthracene	11.451	178	561988	56.597	ng		99
73) Carbazole	11.610	167	468880	48.209	ng		100
74) Di-n-butylphthalate	11.927	149	625136	54.767	ng		100
75) Fluoranthene	12.592	202	611023	52.619	ng		99
77) Benzidine	12.722	184	7932	2.563	ng	#	92
78) Pyrene	12.822	202	630095	46.721	ng		99
80) Butylbenzylphthalate	13.427	149	268226	54.053	ng		99
81) Benzo(a)anthracene	14.010	228	601634	55.974	ng		100
82) 3,3'-Dichlorobenzidine	13.969	252	62764	19.354	ng		97
83) Chrysene	14.051	228	517021	52.898	ng		99
84) Bis(2-ethylhexyl)phtha...	13.980	149	389548	60.881	ng		99
85) Di-n-octyl phthalate	14.604	149	683147	70.572	ng		99
87) Indeno(1,2,3-cd)pyrene	17.015	276	636360	64.938	ng		100
88) Benzo(b)fluoranthene	15.080	252	596699	54.741	ng		99
89) Benzo(k)fluoranthene	15.104	252	531024	56.791	ng		99
90) Benzo(a)pyrene	15.451	252	510229	59.778	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	530320	65.323	ng		99
92) Benzo(g,h,i)perylene	17.468	276	500439	60.566	ng		100

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

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