Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
Data File : BF140957.D
Acq On : 20 Dec 2024 18:06
Operator : RC/JU
Sample : P5330-04MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 20 21:59:29 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

Instrument :
BNA_F
ClientSampleId :
TP-5MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	59911	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	246060	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	146011	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	268415	20.000	ng		0.00
76) Chrysene-d12	14.033	240	164211	20.000	ng		0.00
86) Perylene-d12	15.539	264	136462	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	550438	151.245	ng		0.02
7) Phenol-d6	6.510	99	709013	147.086	ng		0.01
23) Nitrobenzene-d5	7.422	82	497361	101.128	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	255018	147.674	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1029686	96.956	ng		0.00
79) Terphenyl-d14	12.963	244	1115345	107.103	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.816	88	64860	41.375	ng	#	83
3) Pyridine	3.569	79	146619	40.387	ng		98
4) n-Nitrosodimethylamine	3.487	42	86188	47.094	ng		94
6) Aniline	6.528	93	66458	16.125	ng	#	1
8) 2-Chlorophenol	6.651	128	219844	55.394	ng		98
9) Benzaldehyde	6.416	77	33819	12.662	ng		99
10) Phenol	6.522	94	249906	50.021	ng		83
11) bis(2-Chloroethyl)ether	6.587	93	200215	53.737	ng		98
12) 1,3-Dichlorobenzene	6.792	146	217313	48.053	ng		98
13) 1,4-Dichlorobenzene	6.869	146	223664	48.724	ng		99
14) 1,2-Dichlorobenzene	7.016	146	211355	48.799	ng		98
15) Benzyl Alcohol	7.004	79	194203	56.346	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.116	45	227217	51.769	ng		100
17) 2-Methylphenol	7.122	107	174546	55.086	ng		99
18) Hexachloroethane	7.351	117	82012	47.991	ng		98
19) n-Nitroso-di-n-propyla...	7.269	70	156037	53.964	ng		98
20) 3+4-Methylphenols	7.281	107	244516	58.196	ng	#	70
22) Acetophenone	7.263	105	314944	51.167	ng	#	92
24) Nitrobenzene	7.439	77	239752	47.584	ng		95
25) Isophorone	7.675	82	442702	53.722	ng		100
26) 2-Nitrophenol	7.751	139	127977	55.149	ng		96
27) 2,4-Dimethylphenol	7.792	122	185490	68.445	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	267585	51.990	ng		98
29) 2,4-Dichlorophenol	8.004	162	200134	53.490	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	204646	47.713	ng		99
31) Naphthalene	8.151	128	697489	51.603	ng		100
32) Benzoic acid	7.957	122	112073	43.605	ng		96
33) 4-Chloroaniline	8.216	127	66294	14.768	ng		97
34) Hexachlorobutadiene	8.257	225	135668	47.014	ng		99
35) Caprolactam	8.592	113	53756m	48.261	ng		
36) 4-Chloro-3-methylphenol	8.710	107	217358	51.615	ng		99
37) 2-Methylnaphthalene	8.845	142	445995	49.882	ng		99
38) 1-Methylnaphthalene	8.939	142	421436	47.660	ng		100
40) 1,2,4,5-Tetrachloroben...	9.010	216	221633	49.385	ng		99
41) Hexachlorocyclopentadiene	8.986	237	65804	53.222	ng		99
43) 2,4,6-Trichlorophenol	9.133	196	139019	50.589	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	151923	50.298	ng	98
46) 1,1'-Biphenyl	9.304	154	581768	50.107	ng	99
47) 2-Chloronaphthalene	9.333	162	438130	49.326	ng	99
48) 2-Nitroaniline	9.439	65	141388	52.707	ng	97
49) Acenaphthylene	9.751	152	746714	57.206	ng	100
50) Dimethylphthalate	9.604	163	557124	54.121	ng	100
51) 2,6-Dinitrotoluene	9.681	165	123243	52.370	ng	94
52) Acenaphthene	9.922	154	454822	54.548	ng	100
53) 3-Nitroaniline	9.857	138	45966	19.682	ng	99
54) 2,4-Dinitrophenol	9.980	184	129713	110.271	ng	89
55) Dibenzofuran	10.092	168	658684	50.980	ng	100
56) 4-Nitrophenol	10.051	139	99507	79.255	ng	98
57) 2,4-Dinitrotoluene	10.092	165	158790	51.283	ng	99
58) Fluorene	10.439	166	553515	51.929	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	140142m	56.940	ng	
60) Diethylphthalate	10.304	149	539582	50.548	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	271780	50.759	ng	97
62) 4-Nitroaniline	10.475	138	119389m	48.920	ng	
63) Azobenzene	10.586	77	501719	49.995	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	92273	60.667	ng	98
66) n-Nitrosodiphenylamine	10.545	169	486322	58.930	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	158645	52.832	ng	96
68) Hexachlorobenzene	10.986	284	180374	52.980	ng	99
69) Atrazine	11.075	200	155345	67.399	ng	99
70) Pentachlorophenol	11.198	266	134403	107.977	ng	98
71) Phenanthrene	11.404	178	791118	57.315	ng	99
72) Anthracene	11.457	178	801253	58.945	ng	99
73) Carbazole	11.616	167	758921	57.000	ng	99
74) Di-n-butylphthalate	11.927	149	767118	49.093	ng	99
75) Fluoranthene	12.598	202	783457	49.285	ng	99
77) Benzidine	12.721	184	49650	14.814	ng	99
78) Pyrene	12.827	202	826114	56.573	ng	99
80) Butylbenzylphthalate	13.433	149	301420	56.099	ng	96
81) Benzo(a)anthracene	14.021	228	634552	54.523	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	62298	17.742	ng	98
83) Chrysene	14.063	228	549579	51.930	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	362850	52.373	ng	100
85) Di-n-octyl phthalate	14.621	149	494579	47.186	ng	98
87) Indeno(1,2,3-cd)pyrene	17.057	276	542970	63.761	ng	100
88) Benzo(b)fluoranthene	15.104	252	481691	50.852	ng	99
89) Benzo(k)fluoranthene	15.133	252	442287	54.432	ng	100
90) Benzo(a)pyrene	15.474	252	432120	58.259	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	444889	63.061	ng	99
92) Benzo(g,h,i)perylene	17.515	276	406954	56.677	ng	99

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

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