Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141428.D
Acq On : 04 Feb 2025 23:56
Operator : RC/JU
Sample : Q1280-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11984MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

Quant Time: Feb 05 00:36:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	92762	20.000	ng		-0.02
21) Naphthalene-d8	8.075	136	367129	20.000	ng		#-0.01
39) Acenaphthene-d10	9.828	164	195792	20.000	ng		-0.01
64) Phenanthrene-d10	11.316	188	321011	20.000	ng		-0.01
76) Chrysene-d12	13.957	240	202719	20.000	ng		-0.02
86) Perylene-d12	15.410	264	202071	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	589258	97.522	ng		0.00
7) Phenol-d6	6.434	99	731694	95.191	ng		0.00
23) Nitrobenzene-d5	7.351	82	485073	69.652	ng		-0.02
42) 2,4,6-Tribromophenol	10.622	330	190484	106.121	ng		-0.01
45) 2-Fluorobiphenyl	9.151	172	856845	67.360	ng		-0.01
79) Terphenyl-d14	12.904	244	795231	60.497	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.569	88	92813	34.926	ng		97
3) Pyridine	3.293	79	194628	30.398	ng		94
4) n-Nitrosodimethylamine	3.246	42	149299	40.819	ng		84
6) Aniline	6.451	93	125211	19.244	ng	#	1
8) 2-Chlorophenol	6.581	128	254525	39.301	ng		95
9) Benzaldehyde	6.340	77	171709	38.566	ng		99
10) Phenol	6.445	94	302121	37.078	ng		78
11) bis(2-Chloroethyl)ether	6.528	93	228192	36.525	ng		98
12) 1,3-Dichlorobenzene	6.728	146	266964	37.386	ng		99
13) 1,4-Dichlorobenzene	6.804	146	271446	37.839	ng		98
14) 1,2-Dichlorobenzene	6.957	146	259506	38.632	ng		100
15) Benzyl Alcohol	6.934	79	224886	42.811	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	388554	35.765	ng		55
17) 2-Methylphenol	7.051	107	198027	37.622	ng	#	92
18) Hexachloroethane	7.298	117	102859	38.867	ng		99
19) n-Nitroso-di-n-propyla...	7.204	70	179061	39.204	ng		99
20) 3+4-Methylphenols	7.204	107	256997	39.766	ng	#	84
22) Acetophenone	7.198	105	393945	45.143	ng	#	97
24) Nitrobenzene	7.375	77	268124	37.151	ng		100
25) Isophorone	7.610	82	476454	39.578	ng		98
26) 2-Nitrophenol	7.687	139	132557	38.945	ng		93
27) 2,4-Dimethylphenol	7.734	122	211655m	48.855	ng		
28) bis(2-Chloroethoxy)met...	7.822	93	289257	37.669	ng		99
29) 2,4-Dichlorophenol	7.939	162	210177	39.628	ng		99
30) 1,2,4-Trichlorobenzene	8.016	180	227925	37.630	ng		99
31) Naphthalene	8.098	128	1072642	55.307	ng		100
32) Benzoic acid	7.857	122	149489	37.535	ng		93
33) 4-Chloroaniline	8.145	127	41523	6.314	ng		99
34) Hexachlorobutadiene	8.210	225	144544	40.693	ng		100
35) Caprolactam	8.516	113	70356m	40.618	ng		
36) 4-Chloro-3-methylphenol	8.639	107	232343	40.841	ng		95
37) 2-Methylnaphthalene	8.786	142	736084	59.714	ng		98
38) 1-Methylnaphthalene	8.886	142	586387	48.427	ng		100
40) 1,2,4,5-Tetrachloroben...	8.951	216	254907	45.764	ng		98
41) Hexachlorocyclopentadiene	8.939	237	195641	118.931	ng		100
43) 2,4,6-Trichlorophenol	9.069	196	150583	41.303	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	156020	39.319	ng		97
46) 1,1'-Biphenyl	9.251	154	742011	48.595	ng		99
47) 2-Chloronaphthalene	9.275	162	453369	38.093	ng		100
48) 2-Nitroaniline	9.375	65	153587	41.027	ng		96
49) Acenaphthylene	9.692	152	698501	41.926	ng		100
50) Dimethylphthalate	9.557	163	545841	41.277	ng		100
51) 2,6-Dinitrotoluene	9.616	165	117214	38.176	ng		95
52) Acenaphthene	9.863	154	766827	64.428	ng		99
53) 3-Nitroaniline	9.786	138	54863	18.231	ng		98
54) 2,4-Dinitrophenol	9.892	184	97987	68.653	ng		86
55) Dibenzofuran	10.039	168	873077	54.802	ng		97
56) 4-Nitrophenol	9.969	139	190830	86.708	ng		90
57) 2,4-Dinitrotoluene	10.022	165	162208	40.804	ng		91
58) Fluorene	10.380	166	707908	57.284	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	133120	42.643	ng		98
60) Diethylphthalate	10.257	149	529623	41.306	ng		99
61) 4-Chlorophenyl-phenyle...	10.369	204	242541	40.179	ng		97
62) 4-Nitroaniline	10.398	138	111667	37.743	ng		89
63) Azobenzene	10.533	77	602420	46.938	ng		88
65) 4,6-Dinitro-2-methylph...	10.428	198	68085	35.857	ng		93
66) n-Nitrosodiphenylamine	10.492	169	438215	42.206	ng		99
67) 4-Bromophenyl-phenylether	10.863	248	147463	41.032	ng		98
68) Hexachlorobenzene	10.928	284	153522	40.272	ng		99
69) Atrazine	11.022	200	166258	47.893	ng		99
70) Pentachlorophenol	11.127	266	196154	87.870	ng		99
71) Phenanthrene	11.345	178	1381163	80.041	ng		99
72) Anthracene	11.392	178	832486	49.238	ng		99
73) Carbazole	11.551	167	659988	44.022	ng		99
74) Di-n-butylphthalate	11.880	149	802610	44.175	ng		99
75) Fluoranthene	12.533	202	969384	56.895	ng		98
77) Benzidine	12.657	184	189902	29.221	ng		99
78) Pyrene	12.763	202	874425	44.937	ng		100
80) Butylbenzylphthalate	13.380	149	282287	41.524	ng		98
81) Benzo(a)anthracene	13.945	228	616866	44.097	ng		99
82) 3,3'-Dichlorobenzidine	13.910	252	89163	20.041	ng		99
83) Chrysene	13.986	228	537872	41.955	ng		100
84) Bis(2-ethylhexyl)phtha...	13.939	149	379501	44.006	ng		99
85) Di-n-octyl phthalate	14.557	149	632803	47.244	ng		100
87) Indeno(1,2,3-cd)pyrene	16.851	276	458523	35.157	ng		95
88) Benzo(b)fluoranthene	14.992	252	557459	43.857	ng		98
89) Benzo(k)fluoranthene	15.021	252	517612	45.968	ng		98
90) Benzo(a)pyrene	15.351	252	496426	46.217	ng		98
91) Dibenzo(a,h)anthracene	16.868	278	369831	35.246	ng		96
92) Benzo(g,h,i)perylene	17.286	276	338418	31.018	ng	#	94

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

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