Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081723\
Data File : BF134822.D
Acq On : 17 Aug 2023 17:52
Operator : CG\JU
Sample : 04043-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 18 01:06:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 09:29:15 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
E-4MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	154494	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	620618	20.000	ng	#	0.00
39) Acenaphthene-d10	9.827	164	309499	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	528877	20.000	ng	#	0.00
76) Chrysene-d12	13.968	240	277333	20.000	ng	#	0.00
86) Perylene-d12	15.439	264	379090	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	749022	73.698	ng		0.00
7) Phenol-d6	6.434	99	943724	72.639	ng		0.00
23) Nitrobenzene-d5	7.357	82	579646	58.367	ng		-0.01
42) 2,4,6-Tribromophenol	10.622	330	261724	82.954	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	1034603	55.581	ng		-0.01
79) Terphenyl-d14	12.910	244	895496	56.922	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	177695	38.000	ng	#	93
3) Pyridine	3.369	79	447432	35.311	ng		90
4) n-Nitrosodimethylamine	3.346	42	230518	38.074	ng	#	63
6) Aniline	6.463	93	510829	29.977	ng		91
8) 2-Chlorophenol	6.581	128	482028	47.016	ng		95
9) Benzaldehyde	6.345	77	202021	29.294	ng		98
10) Phenol	6.445	94	565778m	44.191	ng		
11) bis(2-Chloroethyl)ether	6.534	93	441466	43.406	ng		93
12) 1,3-Dichlorobenzene	6.734	146	489813	46.176	ng		97
13) 1,4-Dichlorobenzene	6.810	146	498716	46.911	ng		98
14) 1,2-Dichlorobenzene	6.963	146	478455	48.303	ng		97
15) Benzyl Alcohol	6.939	79	397547	44.355	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.075	45	676516	42.457	ng		90
17) 2-Methylphenol	7.051	107	374464	41.333	ng		93
18) Hexachloroethane	7.304	117	180687	48.426	ng		92
19) n-Nitroso-di-n-propyla...	7.210	70	302956	38.947	ng		92
20) 3+4-Methylphenols	7.204	107	429711	39.329	ng	#	85
22) Acetophenone	7.204	105	581519	40.588	ng	#	94
24) Nitrobenzene	7.375	77	483492	45.064	ng		97
25) Isophorone	7.616	82	889825	41.080	ng		99
26) 2-Nitrophenol	7.692	139	252119	54.502	ng	#	89
27) 2,4-Dimethylphenol	7.734	122	385577	39.895	ng		85
28) bis(2-Chloroethoxy)met...	7.828	93	542648	41.880	ng		100
29) 2,4-Dichlorophenol	7.934	162	388747	44.317	ng		97
30) 1,2,4-Trichlorobenzene	8.016	180	425331	45.470	ng		96
31) Naphthalene	8.098	128	1316406	42.205	ng		99
32) Benzoic acid	7.863	122	289711	46.288	ng		92
33) 4-Chloroaniline	8.145	127	234441	16.869	ng		97
34) Hexachlorobutadiene	8.210	225	247939	45.952	ng		96
35) Caprolactam	8.516	113	121259m	42.847	ng		
36) 4-Chloro-3-methylphenol	8.633	107	401903	43.263	ng		91
37) 2-Methylnaphthalene	8.786	142	839692	40.615	ng		99
38) 1-Methylnaphthalene	8.886	142	799788	41.601	ng		98
40) 1,2,4,5-Tetrachloroben...	8.951	216	414142	46.016	ng		99
41) Hexachlorocyclopentadiene	8.939	237	392907	89.775	ng		91
43) 2,4,6-Trichlorophenol	9.069	196	273077	46.362	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	292577	43.461	ng		94
46) 1,1'-Biphenyl	9.251	154	1049148	43.592	ng		98
47) 2-Chloronaphthalene	9.275	162	802913	44.523	ng		99
48) 2-Nitroaniline	9.375	65	246956	44.193	ng		93
49) Acenaphthylene	9.692	152	1221534	43.092	ng		99
50) Dimethylphthalate	9.557	163	928948	44.037	ng		98
51) 2,6-Dinitrotoluene	9.622	165	208570	48.243	ng	#	78
52) Acenaphthene	9.863	154	869064m	47.308	ng		
53) 3-Nitroaniline	9.786	138	145397	30.924	ng		98
54) 2,4-Dinitrophenol	9.898	184	205760	105.557	ng		90
55) Dibenzofuran	10.039	168	1083187	41.420	ng		95
56) 4-Nitrophenol	9.957	139	307012	79.838	ng	#	75
57) 2,4-Dinitrotoluene	10.027	165	264495	50.508	ng	#	84
58) Fluorene	10.380	166	807568	42.396	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.157	232	245381	46.073	ng		97
60) Diethylphthalate	10.257	149	853772	42.700	ng		97
61) 4-Chlorophenyl-phenyle...	10.375	204	406409	43.407	ng		94
62) 4-Nitroaniline	10.404	138	194813	42.273	ng		86
63) Azobenzene	10.533	77	854122	39.759	ng		97
65) 4,6-Dinitro-2-methylph...	10.433	198	142669	63.346	ng		85
66) n-Nitrosodiphenylamine	10.498	169	744253	44.212	ng		99
67) 4-Bromophenyl-phenylether	10.863	248	267375	46.182	ng		99
68) Hexachlorobenzene	10.927	284	298387	48.807	ng		97
69) Atrazine	11.027	200	237964	52.447	ng		97
70) Pentachlorophenol	11.122	266	274305	72.465	ng		95
71) Phenanthrene	11.345	178	1192650	42.455	ng		100
72) Anthracene	11.398	178	1205555	42.014	ng		99
73) Carbazole	11.551	167	982240	38.338	ng		99
74) Di-n-butylphthalate	11.886	149	1194267	43.876	ng		99
75) Fluoranthene	12.533	202	1064867	35.886	ng		96
77) Benzidine	12.663	184	319557	53.080	ng		98
78) Pyrene	12.768	202	1054434	43.938	ng		98
80) Butylbenzylphthalate	13.392	149	369229	45.501	ng		95
81) Benzo(a)anthracene	13.963	228	797475	40.214	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	246440	42.873	ng		99
83) Chrysene	13.998	228	791160	40.950	ng		100
84) Bis(2-ethylhexyl)phtha...	13.957	149	451390	47.268	ng		99
85) Di-n-octyl phthalate	14.574	149	928774	63.956	ng		99
87) Indeno(1,2,3-cd)pyrene	16.933	276	1209935	54.269	ng	#	92
88) Benzo(b)fluoranthene	15.009	252	1019404	44.091	ng	#	97
89) Benzo(k)fluoranthene	15.039	252	875680	38.021	ng	#	98
90) Benzo(a)pyrene	15.380	252	887060	41.150	ng	#	96
91) Dibenzo(a,h)anthracene	16.956	278	981436	54.470	ng	#	96
92) Benzo(g,h,i)perylene	17.392	276	975384	53.069	ng	#	92

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

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