Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010423\
Data File : BF131900.D
Acq On : 04 Jan 2023 15:43
Operator : CG\JU
Sample : 01005-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 05 05:42:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 30 02:06:40 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PL-01-10323MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	73664	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	259892	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	138253	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	231951	20.000	ng	0.00
76) Chrysene-d12	14.015	240	137640	20.000	ng	0.00
86) Perylene-d12	15.492	264	163956	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	491302	110.528	ng	0.01
7) Phenol-d6	6.457	99	639692	109.537	ng	0.00
23) Nitrobenzene-d5	7.386	82	443423	68.120	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	153356	102.093	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	715409	70.879	ng	0.00
79) Terphenyl-d14	12.951	244	517549	63.604	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.587	88	79688	38.660	ng	97
3) Pyridine	3.316	79	223118	38.503	ng	98
4) n-Nitrosodimethylamine	3.293	42	114413	41.991	ng	99
6) Aniline	6.481	93	221810	31.318	ng	98
8) 2-Chlorophenol	6.598	128	202555	43.252	ng	93
9) Benzaldehyde	6.363	77	133700	35.680	ng	97
10) Phenol	6.469	94	289588	41.640	ng	92
11) bis(2-Chloroethyl)ether	6.551	93	214829	43.197	ng	99
12) 1,3-Dichlorobenzene	6.751	146	226061	42.241	ng	98
13) 1,4-Dichlorobenzene	6.833	146	231100	42.848	ng	96
14) 1,2-Dichlorobenzene	6.986	146	221614	43.729	ng	98
15) Benzyl Alcohol	6.963	79	222798	43.505	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.092	45	275145	43.353	ng	97
17) 2-Methylphenol	7.075	107	179595	41.949	ng	99
18) Hexachloroethane	7.328	117	92711	42.569	ng	91
19) n-Nitroso-di-n-propyla...	7.233	70	171959	41.693	ng	99
20) 3+4-Methylphenols	7.233	107	231906	41.514	ng	97
22) Acetophenone	7.228	105	330783	43.414	ng	98
24) Nitrobenzene	7.404	77	274152	42.025	ng	98
25) Isophorone	7.645	82	474467	44.633	ng	100
26) 2-Nitrophenol	7.722	139	110288	43.482	ng	98
27) 2,4-Dimethylphenol	7.763	122	183238	50.646	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	266669	46.760	ng	98
29) 2,4-Dichlorophenol	7.969	162	183639	42.130	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	215932	41.782	ng	100
31) Naphthalene	8.128	128	592228	41.609	ng	99
32) Benzoic acid	7.898	122	107888	40.798	ng	94
33) 4-Chloroaniline	8.180	127	96785	17.722	ng	99
34) Hexachlorobutadiene	8.239	225	143421	40.563	ng	99
35) Caprolactam	8.557	113	51185m	39.661	ng	
36) 4-Chloro-3-methylphenol	8.675	107	204967	41.606	ng	97
37) 2-Methylnaphthalene	8.822	142	389744	40.800	ng	99
38) 1-Methylnaphthalene	8.922	142	360928	38.899	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	222350	45.804	ng	99
41) Hexachlorocyclopentadiene	8.969	237	202522	92.242	ng	100
43) 2,4,6-Trichlorophenol	9.104	196	134614	43.297	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.145	196	140438	41.786	ng		99
46)	1,1'-Biphenyl	9.286	154	481542	45.494	ng		99
47)	2-Chloronaphthalene	9.316	162	383118	43.751	ng		99
48)	2-Nitroaniline	9.416	65	133597	41.623	ng		96
49)	Acenaphthylene	9.733	152	569591	43.683	ng		99
50)	Dimethylphthalate	9.592	163	455339	43.534	ng		99
51)	2,6-Dinitrotoluene	9.663	165	97276	42.963	ng	#	84
52)	Acenaphthene	9.904	154	334772	42.541	ng		99
53)	3-Nitroaniline	9.827	138	60483	26.217	ng		97
54)	2,4-Dinitrophenol	9.939	184	99799	76.593	ng		98
55)	Dibenzofuran	10.074	168	510813	42.131	ng		99
56)	4-Nitrophenol	10.004	139	120273	74.420	ng		96
57)	2,4-Dinitrotoluene	10.069	165	125791	40.624	ng		94
58)	Fluorene	10.422	166	398197	40.230	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.198	232	110873	40.200	ng	#	90
60)	Diethylphthalate	10.292	149	427626	42.479	ng		99
61)	4-Chlorophenyl-phenyle...	10.410	204	218437	42.452	ng		100
62)	4-Nitroaniline	10.451	138	83091	34.559	ng		97
63)	Azobenzene	10.574	77	457958	40.991	ng		99
65)	4,6-Dinitro-2-methylph...	10.474	198	64735	40.991	ng		86
66)	n-Nitrosodiphenylamine	10.533	169	340135	48.072	ng		99
67)	4-Bromophenyl-phenylether	10.904	248	128144	47.667	ng		97
68)	Hexachlorobenzene	10.969	284	133186	45.099	ng	#	90
69)	Atrazine	11.063	200	117463	50.427	ng		97
70)	Pentachlorophenol	11.169	266	120100	82.187	ng		98
71)	Phenanthrene	11.386	178	562462	44.096	ng		99
72)	Anthracene	11.439	178	536510	42.997	ng		100
73)	Carbazole	11.598	167	438425	39.800	ng		99
74)	Di-n-butylphthalate	11.921	149	565924	42.504	ng		100
75)	Fluoranthene	12.580	202	563030	37.896	ng		99
77)	Benzidine	12.704	184	169304	74.849	ng		100
78)	Pyrene	12.810	202	551468	47.802	ng		99
80)	Butylbenzylphthalate	13.427	149	184174	43.041	ng		94
81)	Benzo(a)anthracene	14.004	228	455505	45.709	ng		99
82)	3,3'-Dichlorobenzidine	13.968	252	107650	37.374	ng		97
83)	Chrysene	14.039	228	428375	45.745	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.986	149	250126	48.008	ng	#	97
85)	Di-n-octyl phthalate	14.604	149	442348	63.070	ng	#	99
87)	Indeno(1,2,3-cd)pyrene	16.986	276	530428	50.923	ng		99
88)	Benzo(b)fluoranthene	15.062	252	481908	40.086	ng		99
89)	Benzo(k)fluoranthene	15.092	252	461917	39.767	ng		99
90)	Benzo(a)pyrene	15.433	252	429432	46.138	ng		98
91)	Dibenzo(a,h)anthracene	16.998	278	429499	50.339	ng		97
92)	Benzo(g,h,i)perylene	17.433	276	423158	42.595	ng		97

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

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