Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137204.D
Acq On : 31 Jan 2024 11:58
Operator : CG\JU
Sample : PB158717BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 01 01:11:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB158717BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	64003	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	256716	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	148764	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	296747	20.000	ng	0.00
76) Chrysene-d12	13.974	240	161894	20.000	ng	0.00
86) Perylene-d12	15.451	264	161771	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	555811	143.295	ng	0.02
7) Phenol-d6	6.434	99	744328	134.467	ng	0.00
23) Nitrobenzene-d5	7.357	82	512459	89.374	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	231476	137.778	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	921301	85.134	ng	0.00
79) Terphenyl-d14	12.921	244	1063936	89.340	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	70624	34.029	ng	97
3) Pyridine	3.416	79	152765	37.092	ng	98
4) n-Nitrosodimethylamine	3.387	42	90935	43.626	ng	89
6) Aniline	6.463	93	160332	27.058	ng	94
8) 2-Chlorophenol	6.581	128	201498	46.461	ng	96
9) Benzaldehyde	6.351	77	6481	3.074	ng	98
10) Phenol	6.445	94	271843	43.997	ng	98
11) bis(2-Chloroethyl)ether	6.534	93	193360	46.828	ng	99
12) 1,3-Dichlorobenzene	6.734	146	219072	43.083	ng	99
13) 1,4-Dichlorobenzene	6.810	146	230046	43.745	ng	99
14) 1,2-Dichlorobenzene	6.963	146	212826	43.284	ng	99
15) Benzyl Alcohol	6.939	79	194729	49.517	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.069	45	308568	41.484	ng	96
17) 2-Methylphenol	7.051	107	171154	47.238	ng	98
18) Hexachloroethane	7.304	117	81328	42.880	ng	97
19) n-Nitroso-di-n-propyla...	7.210	70	164607	43.371	ng	98
20) 3+4-Methylphenols	7.204	107	214694	46.807	ng	90
22) Acetophenone	7.204	105	319182	46.183	ng	99
24) Nitrobenzene	7.375	77	248165	44.592	ng	99
25) Isophorone	7.616	82	456433	43.126	ng	98
26) 2-Nitrophenol	7.692	139	96578	44.987	ng	98
27) 2,4-Dimethylphenol	7.728	122	151995	50.245	ng	97
28) bis(2-Chloroethoxy)met...	7.828	93	255851	45.522	ng	99
29) 2,4-Dichlorophenol	7.928	162	175175	46.678	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	199450	42.787	ng	97
31) Naphthalene	8.092	128	598364	43.115	ng	99
32) Benzoic acid	7.869	122	98454	46.564	ng	98
33) 4-Chloroaniline	8.145	127	44510	9.324	ng	98
34) Hexachlorobutadiene	8.210	225	135651	43.765	ng	98
35) Caprolactam	8.516	113	53763m	46.073	ng	
36) 4-Chloro-3-methylphenol	8.628	107	205954	46.465	ng	99
37) 2-Methylnaphthalene	8.786	142	399936	42.984	ng	100
38) 1-Methylnaphthalene	8.886	142	383319	44.356	ng	97
40) 1,2,4,5-Tetrachloroben...	8.951	216	219984	44.193	ng	98
41) Hexachlorocyclopentadiene	8.939	237	267775	112.945	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	131408	46.543	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.110	196	139349	45.153	ng	98
46)	1,1'-Biphenyl	9.251	154	526846	44.512	ng	99
47)	2-Chloronaphthalene	9.275	162	384200	43.861	ng	98
48)	2-Nitroaniline	9.375	65	133678	47.151	ng	95
49)	Acenaphthylene	9.692	152	619741	44.195	ng	99
50)	Dimethylphthalate	9.563	163	460947	45.865	ng	98
51)	2,6-Dinitrotoluene	9.622	165	101839	47.520	ng	86
52)	Acenaphthene	9.863	154	363069	44.053	ng	99
53)	3-Nitroaniline	9.786	138	45569	23.628	ng	96
54)	2,4-Dinitrophenol	9.892	184	94317	96.137	ng	93
55)	Dibenzofuran	10.039	168	573914	43.770	ng	99
56)	4-Nitrophenol	9.957	139	138323	101.340	ng	98
57)	2,4-Dinitrotoluene	10.022	165	141673	50.948	ng	98
58)	Fluorene	10.380	166	448338	43.615	ng	99
59)	2,3,4,6-Tetrachlorophenol	10.157	232	130202m	45.343	ng	
60)	Diethylphthalate	10.263	149	456886	46.170	ng	99
61)	4-Chlorophenyl-phenyle...	10.375	204	220737	43.202	ng	97
62)	4-Nitroaniline	10.410	138	78541	42.546	ng	99
63)	Azobenzene	10.539	77	485414	44.292	ng	94
65)	4,6-Dinitro-2-methylph...	10.427	198	66642	43.032	ng	97
66)	n-Nitrosodiphenylamine	10.498	169	393987	43.665	ng	96
67)	4-Bromophenyl-phenylether	10.869	248	148180	45.413	ng	95
68)	Hexachlorobenzene	10.927	284	159879	43.867	ng	92
69)	Atrazine	11.033	200	144815	48.619	ng	97
70)	Pentachlorophenol	11.122	266	198176	94.854	ng	98
71)	Phenanthrene	11.345	178	674212	43.399	ng	98
72)	Anthracene	11.398	178	695256	42.938	ng	99
73)	Carbazole	11.557	167	593599	43.866	ng	99
74)	Di-n-butylphthalate	11.892	149	698106	47.724	ng	100
75)	Fluoranthene	12.539	202	700643	43.100	ng	99
77)	Benzidine	12.669	184	82326	28.399	ng	98
78)	Pyrene	12.769	202	697341	44.822	ng	100
80)	Butylbenzylphthalate	13.404	149	203032	51.014	ng	98
81)	Benzo(a)anthracene	13.963	228	513225	44.763	ng	99
82)	3,3'-Dichlorobenzidine	13.933	252	85902	27.500	ng	95
83)	Chrysene	14.004	228	496237	44.024	ng	99
84)	Bis(2-ethylhexyl)phtha...	13.968	149	252388	54.508	ng	100
85)	Di-n-octyl phthalate	14.586	149	415942	56.496	ng	98
87)	Indeno(1,2,3-cd)pyrene	16.956	276	517334	45.519	ng	99
88)	Benzo(b)fluoranthene	15.021	252	444108	44.640	ng	99
89)	Benzo(k)fluoranthene	15.051	252	460633	43.767	ng	99
90)	Benzo(a)pyrene	15.392	252	408783	43.662	ng	98
91)	Dibenzo(a,h)anthracene	16.986	278	428691	47.074	ng	98
92)	Benzo(g,h,i)perylene	17.409	276	418489	46.821	ng	99

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

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