Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112122\
Data File : BN022844.D
Acq On : 23 Nov 2022 03:07
Operator : CG/JU
Sample : PB149044BS
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS044

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022

Quant Time: Nov 23 03:56:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 22 05:15:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	67400	20.000	ng/ul	0.00
20) Naphthalene-d8	10.657	136	319540	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.516	164	202735	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.269	188	410967	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	404163	20.000	ng/ul	0.00
88) Perylene-d12	23.868	264	387690	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	11275m	5.711	ng/uL	0.00
4) Pyridine-d5	3.611	84	153185	27.438	ng/ul	0.00
7) Phenol-d5	7.010	99	216224	33.967	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	134546	35.251	ng/ul	0.00
11) 2-Chlorophenol-d4	7.369	132	156853	33.646	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	172828	34.390	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	84236	34.057	ng/ul	0.00
24) 2-Nitrophenol-d4	9.746	143	93154	33.754	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	162008	34.434	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	222040	30.983	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	513481	34.822	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	578694	35.617	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	100705	34.257	ng/ul	0.00
60) Fluorene-d10	15.510	176	430236	35.574	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	90589	34.679	ng/ul	0.00
73) Anthracene-d10	17.369	188	656326	36.472	ng/ul	0.00
81) Pyrene-d10	19.675	212	735712	35.126	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.715	264	715599	36.719	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	21122	10.054	ng/uL	98
5) Pyridine	3.628	79	157672	28.484	ng/ul	97
6) Benzaldehyde	6.981	77	129297	40.146	ng/ul	98
8) Phenol	7.040	94	219298	33.076	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.275	93	168359	32.588	ng/ul	97
12) 2-Chlorophenol	7.405	128	165491	33.245	ng/ul	99
13) 2-Methylphenol	8.299	108	163544	33.140	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.381	45	243986	35.777	ng/ul	97
16) Acetophenone	8.687	105	276872	34.518	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.669	70	151454	35.428	ng/ul	96
18) 4-Methylphenol	8.634	108	181109	33.798	ng/ul	98
19) Hexachloroethane	8.922	117	70928	33.654	ng/ul	100
22) Nitrobenzene	9.063	77	221037	32.985	ng/ul	98
23) Isophorone	9.593	82	424709	33.134	ng/ul	99
25) 2-Nitrophenol	9.781	139	100220	33.031	ng/ul	96
26) 2,4-Dimethylphenol	9.840	107	202803	31.160	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.081	93	241582	32.683	ng/ul	97
29) 2,4-Dichlorophenol	10.316	162	159987	33.456	ng/ul	99
30) Naphthalene	10.710	128	549246	32.384	ng/ul	100
32) 4-Chloroaniline	10.834	127	226107	30.211	ng/ul	98
33) Hexachlorobutadiene	10.987	225	100320	34.083	ng/ul	96
34) Caprolactam	11.634	113	61091m	33.675	ng/ul	
35) 4-Chloro-3-methylphenol	11.969	107	214468	34.388	ng/ul	96
36) 2-Methylnaphthalene	12.334	142	380569	32.938	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	390721	33.735	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.698	216	184088	33.829	ng/ul	98
40) Hexachlorocyclopentadiene	12.669	237	92429	29.092	ng/ul	95
41) 2,4,6-Trichlorophenol	12.945	196	130806	33.856	ng/ul	93
42) 2,4,5-Trichlorophenol	13.022	196	141201	34.512	ng/ul	97
43) 1,1'-Biphenyl	13.345	154	495913	33.325	ng/ul	97
44) 2-Chloronaphthalene	13.393	162	393522	33.937	ng/ul	99
45) 2-Nitroaniline	13.610	65	151100	35.881	ng/ul	98
47) Dimethylphthalate	13.981	163	526724	33.984	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	111052	35.396	ng/ul	98
50) Acenaphthylene	14.240	152	624470	34.404	ng/ul	98
51) 3-Nitroaniline	14.440	138	114405	33.866	ng/ul	99
52) Acenaphthene	14.581	153	443160	34.412	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	63827	29.110	ng/ul	96
55) 4-Nitrophenol	14.751	109	100904	34.628	ng/ul	97
56) Dibenzofuran	14.916	168	588681	34.596	ng/ul	97
57) 2,4-Dinitrotoluene	14.898	165	162149	35.490	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.145	232	119948	34.231	ng/ul	98
59) Diethylphthalate	15.345	149	570755	34.744	ng/ul	99
61) Fluorene	15.569	166	492552	34.663	ng/ul	90
62) 4-Chlorophenyl-phenyle...	15.563	204	228763	34.153	ng/ul	95
63) 4-Nitroaniline	15.604	138	111580	37.038	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.663	198	90140	33.385	ng/ul	96
67) N-Nitrosodiphenylamine	15.781	169	429053	34.870	ng/ul	99
68) 4-Bromophenyl-phenylether	16.457	248	142850	35.298	ng/ul	97
69) Hexachlorobenzene	16.569	284	165380	34.959	ng/ul	95
70) Atrazine	16.739	200	147447	33.618	ng/ul	98
71) Pentachlorophenol	16.922	266	102258	34.021	ng/ul	94
72) Phenanthrene	17.316	178	781585	35.285	ng/ul	98
74) Anthracene	17.404	178	798887	35.606	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.310	216	184000	33.951	ng/uL	95
76) Pentachlorobenzene	14.834	250	184149	31.484	ng/uL	99
77) Carbazole	17.681	167	735281	35.270	ng/ul	98
78) Di-n-butylphthalate	18.239	149	999909	33.702	ng/ul	99
80) Fluoranthene	19.339	202	891787	34.114	ng/ul	98
82) Pyrene	19.704	202	916066	34.209	ng/ul	99
83) Butylbenzylphthalate	20.604	149	473249	34.719	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.398	252	310580	34.828	ng/ul	93
85) Benzo(a)anthracene	21.463	228	888008	33.272	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.380	149	720202	35.798	ng/ul	99
87) Chrysene	21.510	228	835086	33.040	ng/ul	98
89) Di-n-octyl phthalate	22.298	149	1221811	35.834	ng/ul	100
90) Benzo(b)fluoranthene	23.139	252	899772	34.247	ng/ul	99
91) Benzo(k)fluoranthene	23.186	252	912109	36.573	ng/ul	97
93) Benzo(a)pyrene	23.763	252	798935	35.875	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.374	276	883111	34.868	ng/ul	97
95) Dibenzo(a,h)anthracene	26.392	278	815417	35.921	ng/ul	97
96) Benzo(g,h,i)perylene	27.145	276	752997	34.098	ng/ul	98

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

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